Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 136 SEPTEMBER 18, 1939 Number 12

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Member: Audit Bureau of Circulations

Volume 136 SEPTEMBER 18, 1939 Number 12

RECEIVED SEP 18 1939 LIBRARY THE ENGINEER BLDG

Latin American Trade Of Germany $56,000,000

OPD Washington Bureau
September 14, 1939

Germany has during the past five years expanded its medicinal product exports to Latin American countries approximately 90 percent, according to the Chemical Division of the Department of Commerce.

Official German statistics show that exports of medicinals, pharmaceuticals and pharmaceutical chemicals to Latin American countries including Central America, Mexico and Cuba, aggregated 40,000,000 marks in 1938, which was approximately the same as during the preceding year and compares with 22,000,000 marks in 1934.

Germany's total medicinal exports to all countries of the world during 1937 were valued at around 140,000,000 marks, or assuming the mark to be worth 40 cents U. S. currency, a dollar valuation of $56,000,000. Of this total Latin American countries took almost 30 percent, or medicinal products valued at 41,000,000 marks; and Europe, 40 percent, or products valued at 63,000,000 marks. The bulk of the balance went to countries in Asia, chiefly China, Japan, British India and the Netherlands Indies, statistics reveal.

Approximately 80 percent of Germany's medical exports consist of "prepared medicines and proprietaries," the balance being made up of medicinal chemicals, medicinal foods and pharmaceutical chemicals. Among the Latin American countries, Brazil was the leading market for Germany's medicinals in 1938, taking products valued at 9,313,000 marks; followed by Argentina, with 6,387,000 marks; Mexico, 6,185,000 marks; Colombia, 5,119,000 marks; Chile, 2,426,000 marks; Venezuela, 2,113,000 marks; Peru, 1,591,000 marks; Cuba, 1,090,000 marks; and Uruguay, 923,000 marks.

In the Central American and Caribbean areas medicinal imports are sub-

—Continued on page 27

Narcotics Supplies Normally Adequate

Manufacturers and distributors of narcotic drugs have been asked by the United States Commissioner of Narcotics to cooperate by avoiding abnormal offerings or accumulations in maintaining the existing adequacy of available supplies for current demands. The commissioner indicated that, under normal conditions, there should be no cause for uneasiness. He asked that the necessity of requiring monthly stock reports and the institution of a quota system be avoided by orderly marketing.

Commenting on the commissioner's request, Merck & Co., in a letter to the trade, says:—

We wish to assure the trade that, at present, there is no shortage in view. We expect to meet the needs of our customers so long as quantities ordered are kept within the limits of normal current requirements.

F.T.C. Order Hits Reselling by Consumer

American Oil Company, Baltimore, and General Finance, Inc., Washington, operator of a gasoline station at Florida Ave. at 14th St., N. W., and engaged in selling and in financing sales of taxicabs, were ordered by the Federal Trade Commission to discontinue price discriminations in the sale of gasoline in violation of the Robinson-Patman act. The commission, in substance, ordered General Finance, Inc., to cease and desist from obtaining gasoline on a commercial consumers contract for its own use, then reselling it to the public, to taxicabs, or others.

Phosphate Cargo on U.S. Ship Seized as British Contraband

Seizure of 5,900 tons of pebble phosphate and 600 barrels of rosin on an American vessel, the Warrior, en route to Hamburg from Florida, was effected in London under the stringent British contraband regulations that are intended to further the blockade of Germany. The Warrior's cargo is now in barges at Purfleet, on the Thames, and will be sold by public tender. The American ship, minus cargo, will be released. The phosphate cargo, the Phosphate Export Association, this city, said had been paid for in cash by a German buyer prior to the ship's departure and that the association had no further interest in it. The Warrior is owned by the Waterman Steamship Corporation, Mobile, Ala.

Neutral ships had been invited to call at designated ports in the British Isles and at both end of the Mediterranean for examination. In connection with the examination of the cargos, the British Ministry of Information stated that while no American ships have been seized, a few American ships have been taken in for examination, but that it was impossible to state the number at any given moment.

The proclamation issued in London specifying the articles to be treated as contrabands of war by the British government follows:—

Absolute Contraband

All kinds of arms, ammunition, explosives, chemicals, or appliances suitable for use in chemical warfare and machines for their manufacture or repair; component parts thereof; articles necessary or convenient for their use; materials or ingredients used in their manufacture; articles necessary or convenient for the production or use of such materials or ingredients.

Fuel of all kinds; all contrivances for, or means of, transportation on land, in the water or air, and machines used in their manufacture or repair; component parts thereof; instruments, articles, or animals necessary or convenient for their use; materials or ingredients used in their manufacture; articles necessary or convenient for the production or use of such materials or ingredients.

All means of communication, tools, implements, instruments, equipment, maps, pictures, papers and other articles, machines, or documents necessary or convenient for carrying on hostile operations; articles necessary or convenient for their manufacture or use.

Coin, bullion, currency, evidences of debt; also metal, materials, dies, plates, machinery, or other articles necessary or convenient for their manufacture.

Conditional Contraband

All kinds of food, foodstuffs, feed, forage, and clothing and articles and materials used in their production.

The United Kingdom has inaugurated

—Continued on page 30B

Foreign Trade Council To Meet Oct. 9-11

The National Foreign Trade Council will hold its twenty-sixth annual meeting in the Hotel Commodore, this city, October 9-11. James A. Farrell, chairman of the council, said that among the questions to which the convention will give its attention are the following:—

The necessity for close cooperation between United States foreign trade interests, agricultural, industrial, etc., and the governmental agencies engaged in the promotion of foreign trade.

Increase by the Congress of the capital of the Export-Import Bank to enable that institution to aid effectively in the financing of American exports, in respect to intermediate and long-term credits which could not be handled through the commercial banks.

The increase by the United States of imports of non-competitive raw materials and other products by which exchange disturbances in European and Latin-American markets may be minimized.

Protection of the neutral rights of American merchant vessels as carriers of American foreign trade under the neutrality law to be enacted by the Congress.

Adequate government provision for war risk insurance, such as other leading European governments having already provided for their traders and shipowners.

Aluminum Co. Sued by U.S. On Bauxite Ore Freights

New Orleans, Sept. 13, 1939

Suit of $1,500,000 was filed in Federal Court by the government today against the Aluminum Company of America and two subsidiaries on the grounds they conspired to offset freight rates on bauxite ore from New Orleans to East St. Louis. Suit charged the defendants unlawfully accepted "certain valuable considerations," from the railroads as an offset against the regular charges.

Wartime Effects on Prices

Although the intervening developments in the American chemical industry make it quite improbable that prices of other than a few chemicals and related materials will, in any event, be affected by European war conditions to an extent comparable with that of some two decades ago, a comparison of prewar, wartime, postwar, and recent prices of certain more important materials is of interest, at least "for the record." If "runaway markets" come, they will for the most part be the result of something other than the necessity of the 1914-20 period. But the following comparisons from the REPORTER have some instructive value at this time, even though history is unlikely to repeat itself:—

Heavy Chemicals

	Price in 1913.	War period high and date.		Price July 1, 1939.	Price Sept. 15, 1939.
Acid, acetic, 28%	$1.75	$12.00	(June, 1918)	$2.23	$2.23
Boric, tech., gran	140.00	290.00	(Dec., 1919)	105.00	105.00
Muriatic	1.45	5.00	(Jan., 1918)	.10½	.10½
Nitric	4.50	10.70	(Oct., 1917)	5.00	5.00
Oxalic	.07½	.80	(March, 1916)	.10¾	.10¾
Sulphuric, 66 deg	20.00	60.00	(Jan., 1916)	16.50	16.50
Alum, ammonia	1.75	8.00	(Sept., 1918)	3.15	3.15
Alumina sulphate	.90	3.50	(Nov., 1917)	1.15	1.15
Ammonia, aqua, 26 deg	.04¾	.30	(May, 1918)	.05	.05
Ammoniac, sal	.06	.22	(July, 1917)	.05½	.05½
Antimony, needle	.03	.18	(Jan., 1915)	.12	*.20
Arsenic, red	.05¾	.70	(Dec., 1916)	.15¾	†...
Bleaching powder	1.25	14.00	(Jan., 1916)	2.00	2.00
Blue vitriol	5.00	23.00	(Jan., 1916)	4.10	4.60
Chlorine, liq., tech	.15	.22	(June, 1918)	.05¼	.05¼
Copperas	.70	2.50	(Dec., 1918)	1.45	1.45
Lead acetate	.07⅞	.17	(March, 1918)	.10	.11
Nickel salts	.12	.17	(Sept., 1918)	.13	.13
Phosphorus, red	.50	1.70	(Jan., 1918)	.40	.40
Potash carbonate	.03¾	.70	(Nov., 1917)	.06½	.06½
Caustic	.04	1.00	(Feb., 1916)	.07	.07
Chlorate	.08¼	.75	(March, 1916)	.09¼	*.09¼
Saltcake	11.50	80.00	(Aug., 1920)	15.00	15.00
Saltpeter	.06½	.38	(Jan., 1916)	.07½	.07½
Soda ash, 58%, light	.85	4.50	(Feb., 1916)	1.10	1.10
Bicarbonate	1.00	4.50	(Sept., 1917)	2.30	2.30
Caustic, 76%, solid	1.75	10.70	(Jan., 1917)	.14	.14
Chlorate	1.75	10.70	(Oct., 1918)	1.70	1.70
Cyanide	.25	2.00	(Sept., 1917)	.06¼	.06¼
Silicate	2.00	8.00	(Oct., 1918)	1.40	1.40
Sulphate	2.25	6.00	(Jan., 1916)	2.10	2.10
Zinc sulphate	.02½	.07½	(Dec., 1916)	.02¾	.02¾

Fertilizer Materials

Ammonia sulphate	62.00	157.00	(April, 1918)	28.00	28.00
Blood, dried	2.95	8.75	(March, 1920)	2.50	4.25
Bones, raw, ground	28.00	62.50	(March, 1920)	28.00	27.00
Hoofmeal	2.95	7.50	(March, 1920)	2.65	3.00
Phosphate rock, Fla	3.00	12.00	(July, 1920)	1.90	1.90
Potash, muriate	.80	7.30	(Jan., 1918)	.58½	.58½
Sulphate	.94	8.00	(Jan., 1918)	.73⅞	.73⅞
Soda nitrate	59.00	110.00	(May, 1918)	27.00	†...
Sulphur	40.00	75.00	(Jan., 1918)	20.50	20.50
Tankage, concentrated	2.45	7.25	(March, 1920)	2.85 & .10	4.50 & .10

* Nominal. † No prices.

—Continued on page 29

Antitrust Laws to Be Used To Prevent Profiteering

A determination to use the antitrust laws to prevent price increases and profiteering growing out of the European war was expressed by Thurman W. Arnold, Assistant Attorney-General of the United States, in an address before the National Petroleum Association, September 13, in Atlantic City. Two days later, in Washington, Attorney-General Frank Murphy said that the Department of Justice had drafted new legislation to curb profiteering and would introduce this in the special session of Congress "if needed."

Declaring that, until Congress enacts better laws, the antitrust acts are the first line of defense against profiteering, Mr. Arnold said that his department is being swamped with requests for action against increased prices since the outbreak of hostilities, and that investigations will be made as rapidly as possible. In this way, he said, unreasonable price increases can be prevented.

Three immediate problems face the Department of Justice because of the war price scare, he said:—(1) Concerted action through trade associations; (2) bottlenecks restricting the free flow of trade which may require positive price control in some industries; and (3) legislative exemptions from the antitrust laws which may be abused by becoming instruments of profiteering, such as the Robinson-Patman and Tydings-Miller acts, agriculture marketing agreements, co-operative associations, labor unions, and patents.

Five steps are being considered to meet these problems, Mr. Arnold revealed, in addition to a request for more appropriations for the antitrust division next year. These are (1) liaison with all other agencies of the government; (2) co-ordination with statistical and economic research facilities; (3) closer co-operation with the Federal Trade Commission; (4) co-operation with State antitrust laws; and (5) the establishment of a clearing house for consumer complaints, the organizing of consumers "so that reliable complaints may reach us in an orderly way." The Consumers Council now attached to the Department of Agriculture may be made the centralizing and clearing agency in this connection, Mr. Arnold said.

In summation of the task which he

—Continued on page 54

Closing Market Developments

(September 15, 1939)

London Closing Cable

London Sept. 15, 1939

Quotations on bismuth metal were $1.05 per pound, ex-store. Quicksilver was $86 per flask, ex-warehouse. Carnauba wax, 175s per hundredweight. Beeswax, 112s, 6d per hundredweight.

Lime Acetate Higher

Effective September 15, quotations on lime acetate were advanced 10c. to the basis of $1.75 per 100 pounds. This was a spot price. No forward delivery offerings were made.

Methyl Acetone Advanced

Quotations on natural methyl acetone were advanced as of September 15, establishing tanks at 35c. per gallon, car lots in drums, 41c., and less than car lots in drums, 44c.

Essential Oils Still Advance

Last Friday, the following higher quotations prevailed on some essential oils, being purely nominal and made without offer as well as being subject to confirmation:—Almond, sweet, 90c. per pound; anise, 85c.; birchtar, crude, 20c.; caraway, $2.50; cardamom, $15; dill seed oil, $3; California lemon, $3; and wormseed, $2.60. Heliotropine was $2.50 nominally, the last price confirmed on actual sales.

Quicksilver Rises Strongly

Sales last Friday in five-flask lots were made at $147.50 per pound, following which prices were raised to $150 per flask and the Pacific Coast instructed local agents to confine sales to the five-flask quantity. The mines in the Far West were not offering.

Cottonseed Oil Quieter

Refined cottonseed oil futures were quieter on Friday, many traders being disposed to curtail operations pending further developments in lard and other markets. Offerings were comparatively light and price movements were within moderate limits. Closing quotations on the more active months were about 20 points above the final prices of the previous Friday, with December at 7.40c. and January 7.47c. Southern markets for cottonseed products were steady.

Tallow Firmer

Tallow was firmer late in the week. Sales were reported at 6½c. per pound for extra, and there appeared to be none available at less than that figure.

Chicago Tankage Higher

Reports reaching New York from Chicago late last week advised that high-grade feeding tankage was sold at the exceedingly high price of $5.50 and 10c. per unit ton. This was $1 per unit higher than the price quoted earlier in the week and $1.50 to $1.75 higher than the quotation on September 8.

Non-Ferrous Metals Unchanged

Quotations for copper, lead, and zinc were unchanged late in the week. Copper was quiet on limited selling and lack of demand. Sales during the week were estimated at 20,000 tons, compared with 36,000 tons the preceding week. Little buying was reported in the export market. Business was on an f.a.s. basis around 11.55c. to 12c. per pound. A good demand was reported for lead at unchanged levels. Zinc was fairly active, and selling limited.

Hops Market Strong

Hops were strong and in upward trend on the Pacific Coast, according to advices received late Friday. Offerings were reported as very light at the advance. Stocks in the hands of growers in some important sections are said to have been closely cleaned up.

Vermilion Up Again

Several major suppliers of English vermilion advanced the price 10c. per pound late last week, following the sharp 40c. increase in the early part of the period. The second increase was occasioned by another boost in quicksilver quotations and brought the price to the following levels:—$2.40 to $2.50 per pound for 500 pounds; $2.45 to $2.55 for 100-500 pounds; and $2.49 to $2.59 for smaller lots. No buyer was allowed to purchase more than 500 pounds.

Antimony Advanced

Domestic spot price was advanced ¾c. per pound to the 13c. per pound basis. Demand was steady.

Domestic Fluorspar Higher

Some sellers raised domestic prices $1 to $2 per ton for the 85.5 washed gravel and No. 2 lump material. Prices ranged from $19 to $20 f.o.b. mines.

Chemical Prices Advanced Farther

Price advances, influenced by shipping conditions and trends in raw materials, were again numerous in the markets for heavy and fine chemicals last week. The more notable upward trend was in the fine chemicals division. Corn derivatives were alone in a downward movement.

Demand was quite active but less panicky than in the preceding week. Sellers sought to assure buyers of the adequacy of supplies and were vigorous in their efforts to thwart speculative buying.

Details of the various price changes will be found in the several market sections on other pages. The major articles affected by advances were lime acetate, barium salts, copper carbonate and chloride, arsenic metal, quicksilver and mercurials, tartrates, stearates, glycerophosphates, prussiates, Straits tin and the tetrachloride, cadmium derivatives, antifreeze alcohol, zinc dust, imported starchy materials, natural tanstuffs, albumens, imported fluorspar and magnesite, silicofluoride of soda, strontium chloride, methylacetone, santonin, natural camphor, synthetic menthol, strychnine and many other alkaloids, domestic casein, dammars and copals, rosin, turpentine, and organic nitrogenous fertilizer materials.

Prices were reduced on cornstarch, tanner's corn sugar, corn dextrin, and corn syrup.

The REPORTER'S composite index of prices for heavy and fine chemicals rose to 127.1 (100=average at August 1, 1914), its highest point since November, 1937. In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.0, compared with 89.0 at this time last year and 90.3 in 1937.

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N.W.D.A. Completes Convention Plans

The program has been completed for the annual convention of the National Wholesale Druggists Association, to be held in the Greenbrier, White Sulphur Springs, September 23-27. The transportation committee, of which Robert Magnus, of Magnus, Mabee & Raynard, is chairman, reports that the

W. T. Allen

Pennsylvania Railroad, in conjunction with the Chesapeake & Ohio Railway Company, will use a special train for members attending the meeting. The train will leave the Pennsylvania station, New York, September 22, at 6:30 p.m., E.S.T., stopping at Newark, Philadelphia, Baltimore and Washington, and will arrive in White Sulphur Springs at 6:05 a.m. Saturday.

All members from the West attending the meeting may plan to leave Chicago and St. Louis on Friday by way of Cleveland, Cincinnati, Chicago and St. Louis Railroad, in conjunction with the Chesapeake & Ohio Railway. The schedule on Central Standard Time for the leaving of Western trains follows:—Chicago, Twelfth street station, 1:45 p.m.; St. Louis, 12:05 p.m.; Indianapolis, 5:40 p.m.; Cincinnati, 6:15 p.m., E.S.T.

The entertainment committee, of which W. T. Allen is chairman, has arranged an exceptional program. What with Southern colonels, red-coated hunters, hounds and negro singers, to

—Continued on page 47

Group Health Ass'n Upheld In Appeals Court Ruling

The Group Health Association, a medical cooperative, was upheld in a ruling handed down by the United States Court of Appeals for the District of Columbia which sustained a lower court finding that the association was not engaged either in the illegal practice of medicine or the insurance business.

The court held that the association does not function similarly to an insurance or indemnity company, adding that the cooperative is concerned principally with getting service for its members at low prices made possible by quantity purchasing and economies in operation. The case was started originally by the district government in a move to have the association conform with insurance laws which would require it to post a guarantee fund ranging from $25,000 to $100,000.

Dr. R.E. Wilson Awarded Chemical Industry Medal

The Chemical Industry Medal of the Society of Chemical Industry will be presented to Dr. Robert E. Wilson, president of Pan American Petroleum & Transport Company, at a joint meeting of the American Section of the Society of Chemical Industry and the American Chemical Society, to be held in the Chemists' Club, this city, on November 10, with Dr. Wallace P. Cohoe presiding.

The medal is awarded annually for valuable application of chemical research to industry and will be given this year to Dr. Wilson in recognition of his research studies on such varied subjects as flow of fluids, oiliness, corrosion, motor fuel volatility, clay and glue plasticity, and humidity.

TAPPI Reviews Recent Research

Symposiums on recent developments in all phases of the pulp and paper industry were held at the annual Fall meeting of the Technical Association of the Pulp and Paper Industry, in Syracuse, September 12-14.

In a paper on "An Introduction to the Lime-Chlorine System in the Preparation of Calcium Hypochlorite," prepared by F. W. O'Neil, of the New York State College of Forestry, and John Rue, of the Hooker Electrochemical Company, the authors made potentiometric studies during progressive chlorination of solution containing 16 gram per liter, 32 gram per liter, and 52 gram per liter of calcium hydroxide at temperatures of 0 to 40 degrees Centigrade. As a result of these studies the authors have found that during the chlorination the hydrogen ion concentration decreased rather slowly at first with a very rapid increase in available chlorine content; further chlorination beyond a hydrogen ion cencentration of 11.2 caused a very rapid decrease in pH and only a slight increase in available chlorine; when the lime is chlorinated below a pH of 8, the loss of available chlorine is very rapid, and at temperatures above 10 degrees Centigrade, the loss is greater than that which can be maintained by the addition of chlorine, and on standing the solution loses practically all of its available chlorine; lime chlorinated to the "three second flash" of phenolphthalein which corresponds to a pH of 11.2 produces bleach liquor which is stable for at least forty-eight hours.

Paul Keene, chief chemist for the Solvay Process Company, in discussing "The Manufacture and Uses of Chlorine," reviewed the history of chlorine and discussed its manufacture both by chemical and electrolytic processes. He also discussed the common commercial containers utilized in shipping, together with methods of unloading. The uses of chlorine were outlined, with particular reference to the manufacture of chemical products, pulp and paper, and

—Continued on page 40

Paint Industry to Meet With Marine Bureau

Chicago, Sept. 13, 1939

The National Paint, Varnish and Lacquer Association is making arrangements for a conference between representatives of its industry and the Bureau of Marine Inspection and Navigation to discuss points of difference appearing in the preliminary draft of regulations, according to E. A. Leveille, chairman of the association's traffic committee.

The industry will urge correction of the inadvertent omission of the I.C.C. 5E steel barrel from the list of approved containers. Recognition will be sought for fiber boxes currently used in intercoastal and export, as well as domestic, trade. The omission of the secondary classification, "semiinflammable liquids," will be considered; and questions of proper stowage for case goods.

The coordination of water regulations and rail regulations is a prime consideration, and the meeting with the Bureau of Marine Inspection and Navigation will be deferred pending the distribution of proof 3 of Topping's rail regulations, which, it is understood, will be presently available.

It is tentatively agreed that the conference will be held sometime in the middle of October, and to make the cooperative procedure of mutual discussion of points of difference possible and to conserve time, a preliminary meeting of those interested is being arranged. Particulars in reference to this may be obtained from the National Paint, Varnish and Lacquer Association.

N.P.V.L.A. Executive Committee Nominees

The nominating committee of the National Paint, Varnish and Lacquer Association has named the following nominees for members on the executive committee to serve for a term of three years each:—

Marshall L. Havey, of the New Jersey Zinc Company, New York; L. P. Moore, of Benjamin Moore & Co., New York; E. S. Phillips, of the Devoe & Raynolds Company, New York; Wm. Richter, of E. I. du Pont de Nemours & Co., Wilmington; A. W. Steudel, of the Sherwin-Williams Company, Cleveland, and H. S. Wherrett, of the Pittsburgh Plate Glass Company. Pittsburgh.

TNEC Postpones Oil Trust Hearing

OPD Washington Bureau
September 14, 1939

Hearings in the investigation of monopolistic practices in the petroleum industry, originally scheduled to start September 14, have been postponed until September 25 by the Temporary National Economic Committee.

The postponement was made at the request of Axtell T. Byles, president of the American Petroleum Institute, who stated that, because of additional information which the TNEC asked witnesses to furnish, they needed another week for preparation. In addition to six witnesses for the institute, approximately thirty others have asked to appear at the oil hearings and have filed prepared statements in advance.

Petroleum Ass'n Studies Effects of European War

Atlantic City, N. J.
September 15, 1939

The effect of the European war on the American petroleum industry dominated the program of thirty-seventh annual meeting of the National Petroleum Association which closed a three-day session in the Hotel Traymore today.

Speakers hastily rearranged previously prepared papers in order to devote as much attention as possible to the new conditions growing out of the conflict, and Thurman W. Arnold, Assistant Attorney General, who was scheduled to speak on enforcement of the anti-trust laws and proposed amendments, delivered an address of national significance on plans of his department for using the anti-trust laws to prevent price profiteering in all commodities.

Senator Joseph C. O'Mahoney, of Wyoming, chairman of the Temporary National Economic Committee, discussed the progress of the monopoly investigation of that group and sketched the plans for the oil hearings starting September 25, but he also digressed from his original intentions and told how the studies of the committee can be of value in determining how the oil industry can best serve national defense and in coordinating industry generally for conditions growing out of the war.

The association elected the following:—

President, N. H. Weber, vice-president of the Pure Oil Company, Chicago; executive vice-president, Charles L. Suhr, of the Pennzoil Company, Oil City; first vice-president, H. A. Logan, president of the United Refining Company, Warren, Pa.; second vice-president, Otto Koch, of the Kendall Refining Company, Bradford, Pa.; secretary (re-elected), Herbert G. Eaton, of the Superior Oil Works, Warren, Pa.; treasurer (re-elected), G. B. Hunter, vice-president of the Quaker State Oil Company.

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Forty Plus Club Aids Middle-Aged Executives

"Mature Experience—Seasoned Judgment" is the motto of the Forty Plus Club of New York, a voluntary, cooperative organization for the placement in industry of executives who are more than forty years old. This club operates without fees through the cooperative participation of its members in activities directed to its objective.

Membership in the club is limited to unengaged executives of the stated age who have earned at least $4,000 a year and are citizens of the United States. The membership at latest report was 241, and sixty-one "alumni" had been placed in positions since the organization of the club eight months ago. The activities of registration, investigation, and the arranging of contracts anonymously are carried on by committee on membership, marketing, and public relations. There are no dues, and no placement fees are charged employee or employer. The members make up the incidental expenses by voluntary contributions.

The club has its headquarters in the International building, Rockefeller Center, 630 Fifth avenue. Its telephone is CIrcle 5-9367.

Tung Oil at Hankow Released For U.S. Shipment by Japan

OPD Washington Bureau
September 15, 1939

Definite assurance that stocks of American-owned tung oil now in China will be permitted to reach the United States in the near future has been given the Department of State by the Japanese government.

On orders of the Japanese government, the Japanese steamer "Takaoka Maru" has sailed from Kobe, Japan, to Hankow, China, to load some 2,000 tons of tung oil for direct shipment to the West coast of the United States. The vessel is due at Hankow September 17 or 18, and should reach the United States the latter part of October. Another shipment will follow, but definite arrangements have not yet been made.

Release and shipment of this tung oil was assured the American consul in Hankow in a written memorandum by officials of the Japanese government. Ever since military operations began at Shanghai in 1937, the export of tung oil and other commodities through that port has been difficult if not impossible, and the Japanese government still considers the Yangtze river between Hankow and Shanghai a zone of military operations and has closed it to commercial navigation on the grounds of danger and military necessity. Tung oil has been coming out of China over other routes, but not in sufficient quantities to meet market demands.

Japanese Change Policy

For some time tung oil users and importers and the National Paint, Varnish and Lacquer Association have been making representations to the Department of State seeking aid in obtaining the release of tung oil at Hankow already bought or contracted for by American firms. Until now, however, the Japanese government has steadfastly refused to permit these shipments on the ground of military necessity. There is considerable speculation as to the political implications of the change in policy, and the Japanese government has expressly stipulated that release of this oil for shipment down the Yangtze is not to be considered as establishing a precedent for other commercial shipments on the river.

Apparently only Japanese boats are to be allowed to make the trip, since the Japanese government gave assurances that it would provide for the transportation.

It is not yet known whether the release applies only to tung oil actually paid for by American firms prior to 1937, or also includes oil contracted for.

It is estimated that close to 4,000 tons of oil purchased by Americans is now at Hankow, but that an equal amount has also been contracted for. No details have been received as to priority of shipment or how acceptance of the oil is to be made in the United States or

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Frary Receives E. G. Acheson Medal

Dr. Francis C. Frary, director of research for the Aluminum Company of America, was presented with the Edward Goodrich Acheson Medal and $1,000 at a dinner of the Electrochemical Society, held in conjunction with the seventy-sixth meeting of the society in the Hotel Commodore, this city, September 10-13.

Dr. Frary, credited with directing the development of the electrolytic process of refining aluminum, received the award for "distinguished contributions to metallurgy." Dr. Frary told the eighty scientists at the dinner that he intended donating the $1,000 prize, which would be doubled by the company, toward the establishment of a fund for further technical education to members of the research laboratory of the Aluminum company at New Kensington, Pa. S. K. Colby, vice-president of the company, said that the fund would be known as the Francis C. Frary Educational Fund.

Among the numerous papers read at the meeting was a paper on "The Electrolytic Preparation of Sodium Ar-

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DuPont Cites Chemical Self-Sufficiency in U. S.

The self-sufficiency of American industry today in sharp contrast with dependence upon imports during the World War was emphasized by Lammot du Pont, president of E. I. du Pont de Nemours & Co., in a statement September 12 to 800 Delawareans participating in Delaware Day at the New York World Fair.

Mr. du Pont said that domestic chemical achievements in the last quarter of a century have given the country adequate quantities of nitrates extracted from the air, whereas the nation was almost completely dependent on the importation of natural nitrates from Chile in 1914; that practically all the industrial needs for dyes now are being met domestically, whereas almost all supplies had to come from abroad during the last war; that dependence then upon Germany for potash had been ended by methods permitting recovery of potash from America's mineral deposits; and that Neoprene, the chemical rubber, now serves as a substitute for natural rubber, being actually superior to natural rubber for many uses.

Mr. du Pont asserted that these are only a few examples of the hundreds of accomplishments American chemists have achieved since the last war. He declared America's diversified chemical industry stands today as a solid guarantee of American self-sufficiency. Mr. du Pont in part said:—

At the outbreak of the World War numerous industrial activities were dependent upon imports. Employment of millions of our workers was threatened. Even the health of our people was endangered.

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Coaltar Food Colors Certification Up 10%

OPD Washington Bureau
September 12, 1939

The Food and Drug Administration today reported that during the year, July 1, 1938 to June 30, 1939, an increase of almost 10 percent over the previous period was noted in the quantity of straight coaltar colors certified for use in coloring food. A total of 454,254 pounds was certified. Food color mixtures, consisting of two or more straight colors, or one or more straight colors with non-dye diluting material also showed an increase over the preceding twelve months. A total of 410,009 pounds was certified.

The following table shows the quantities of each of the primary or straight colors certified under the act of 1906 for use in food, and under the new food, drug and cosmetic act of 1938 for foods, drug and cosmetics.

	Pounds		Total pounds certified.
	May 10.	June 30.	
Amaranth	80,427	22,329	102,756
Brilliant blue	3,504	230	3,734
Erythrosin	7,193	350	7,543
Fast green FCF	419	301	720
Guinea green B	383	.....	383
Indigotin	507	480	906
Light green SFY	799	.....	799
Naphthol yellow S	487	.....	487
Orange I	70,487	10,253	80,740
Orange SS	.....	2,628	2,628
Ponceau SX	15,591	2,100	17,691
Ponceau 3R	42,088	6,465	48,553
Sunset yellow FCF	34,600	5,505	40,105
Tartrazine	89,106	15,521	104,627
Yellow AB	5,274	2,200	7,474
Yellow OB	32,634	2,384	35,018
Total straight colors	383,499	70,755	454,254

N.A.I.D.M. Meeting In Washington Dec. 4-5

The National Association of Insecticide and Disinfectant Manufacturers will hold its silver anniversary meeting in the Mayflower hotel, Washington, December 4-5. The regular sessions will be preceded by a meeting of the board of governors of the association December 3.

The general convention committee is headed by W. J. Zick, of Stanco, Inc.; James Lovell, of the American Can Company, Baltimore, is in charge of the entertainment committee. Financial details of the meeting are in charge of John Powell of John Powell & Co., this city. C. L. Weirich, of the C. B. Dolge Company, Westport, Conn., is in charge of the program for the meeting.

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CHEMICAL WORKS

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Current Market Quotations

September 15, 1939

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd	lb.	.75	1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works	lb.	.11	—
5 & 10 gls., works	lb.	.14	—
Acetamide, CP, kgs., 5,000 lbs., a year, works	lb.	.36	—
200-lb. lots, works	lb.	.38	—
100 lb. lots, works	lb.	.55	—
5 to 50-lb. lots, works	lb.	.70	—
tech., kgs., 5,000 lbs. a year, works	lb.	.28	—
200-lb. lots, works	lb.	.30	—
100-lb. lots, works	lb.	.45	—
5 to 50-lb. lots, works	lb.	.50	—
Acetanilide, tech., bbls	lb.	.22	—
95%, bbls	lb.	.29	—
USP, cryst., bbls., 2,000 lb. lots	lb.	.32	—
smaller lots	lb.	.33	—
dms., 25 lb. lots	lb.	.38	—
kgs., 2,000 lb. lots	lb.	.33	—
smaller lots	lb.	.34	—
powd., bbls., 2,000 lb. lots	lb.	.30	—
smaller lots	lb.	.31	—
dms., 25 lb. lots	lb.	.36	—
kgs., 2,000 lb. lots	lb.	.31	—
smaller lots	lb.	.32	—
Acetoacetanilide, dms	lb.	.47	.65
Acetone, CP, dms, c.l., dlvd	lb.	.05¾	.06
l.c.l., dlvd	lb.	.06¼-	.06½
tanks, dlvd	lb.	.04¼-	.05
Methyl (see M)			
Acetophenone, bots	lb.	1.30	1.45
cns., 25 lbs	lb.	1.15	1.25
dms., 100 lbs	lb.	1.05	—
Acetophenetidin, bbls., kgs., 1,000 lbs	lb.	1.00	—
50 lbs.	lb.	1.02	—
25 lbs.	lb.	1.05	—
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville	lb.	.08¾-	—
l.c.l., same terms	lb.	.09	—
Acetic, coml. or redist., 28%, bbls.	100 lbs.	2.23	2.48
cbys.	100 lbs.	2.73	2.98
56%, bbls.	100 lbs.	4.15	4.40
cbys.	100 lbs.	4.65	4.90
70%, bbls.	100 lbs.	5.17	5.42
cbys.	100 lbs.	5.67	5.92
80%, bbls.	100 lbs.	5.89	6.14
cbys.	100 lbs.	6.39	6.64
glacial, nat., CP., cbys.	100 lbs.	14.00	—
99.5%, bbls.	100 lbs.	7.62	7.87
cbys.	100 lbs.	8.12	8.37
USP, bbls	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
synth., 99.5%, al. dms., 100 lbs.		8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP, al. dms	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
pure, 80%, bbls	100 lbs.	3.28	3.53
cbys.	100 lbs.	3.78	4.03
86%, bbls	100 lbs.	3.66	3.91
cbys.	100 lbs.	4.16	4.41
60%, bbls	100 lbs.	6.15	6.40
cbys.	100 lbs.	6.65	6.90
80%, bbls	100 lbs.	7.68	7.93
cbys.	100 lbs.	8.18	8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld	lb.	.10¾-	.11¼
l.c.l., dms., frt. alld	lb.	.12	- .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.	lb.	.45	—
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls.	lb.	.40	—
powd., 80 mesh, 200-lb. bbls.	lb.	.40	—
Anthranilic, refd., bbls	lb.	1.15	1.20
tech., bbls	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs	lb.	.22	.25
Ascorbic, bots., dms	oz.	2.75	3.00
Battery, cbys, c.l., E. works, 100 lbs.		1.60	—
l.c.l., 25 or more, E. works, 100 lbs.		1.85	—
10-24, E. works	100 lbs.	1.95	—
1-9, E. works	100 lbs.	2.55	—
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	—
1,000 to 3,900 lbs	lb.	.44	—
900 lbs. or less	lb.	.47	—
USP, bbls., 4,000 lbs. or more	lb.	.54	—
1,000 to 3,900 lbs	lb.	.55	—
900 lbs. or less	lb.	.58	- .69
dms., 4,000 lbs. or more	lb.	.55	- .56
1,000 to 3,900 lbs	lb.	.56	- (57
900 lbs. or less	lb.	.59	- .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd.	ton.	106.00	—
c.l., dlvd	ton.	111.00	—
l.c.l., ex whse	ton.	118.00	-123.00
powd., bbls., contracts, 80 tons, dlvd., ten	ton.	111.00	—
c.l., dlvd	ton.	116.00	—
l.c.l., dlvd	ton.	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton.	96.00	—
c.l., dlvd	ton.	101.00	—
l.c.l., ex whse	ton.	123.00	-138.00
sks., contracts, 80 tons, dlvd.	ton.	101.00	—
c.l., dlvd	ton.	106.00	—
l.c.l., ex whse	ton.	113.00	-128.00
USP, $25 per ton higher.			
Broenner's, bbls	lb.	1.11	—
Butyric, 99%, dms., c.l., S. Charleston, W. Va	lb.	.22	—
l.c.l., same basis	lb.	.23	—
tanks, same basis	lb.	.21	—
Camphoric, cns	lb.	5.50	- 5.70
Capric, dms	lb.	.12½-	.13
Acid, caproic, dms., works	lb.	.35	- .40
Carbolic (see Phenol).			
Castor oil, split, dms	lb.	.13½-	.14½
Chlorosulphonic, dms., c.l., works	lb.	.0350-	—
5-drum lots, works	lb.	.04	- —
single drum	lb.	.05	- —
tanks, works	lb.	.03	- —
Chromic, 99%, dms., c.l., dlvd. N. Y.	lb.	.15¼-	—
l.c.l., 5 tons, dlvd. N. Y.	lb.	.15¾-	—
Dms., smaller quantities, dlvd., N. Y.	lb.	.16¼-	.17¼
Cinnamic, refd., bots	lb.	2.85	- 3.25
Citric, cryst., gran., bbls., car lots	lb.	.20	—
10,000-lb, lots, one shipt.	lb.	.20½-	—
smaller lots	lb.	.21	- —
anhyd., gran., dms., 10,000 lbs., 1 shipt	lb.	.23	- —
smaller lots	lb.	.23½-	—

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls	lb.	.57	—
Coconut oil, dms	lb.	.09¾-	.10¼
Corn, dist., dms	lb.	.09½	Nom.
Cottonseed oil, dist., dms	lb.	.07½-	.08
tanks	lb.	.07	- —
Cresylic, high-boil, dom., c.l., works, frt equld	gal.	.49	—
l.c.l., same basis	gal.	.50	—
Special blends, dom., c.l., frt. equaled	gal.	.58	—
l.c.l., same basis	gal.	.59	—
low-boil, dms., c.l., works frt. equaled	gal.	.55	—
l.c.l., same basis	gal.	.56	—
imported, pale, dms	gal.	.65	Nom.
Crotonic, bbls., dlvd	lb.	.21	—
smaller containers, dlvd	lb.	.50	—
Diethylbarbituric (see Barbital)			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l.	lb.	.10¼-	—
l.c.l., 25 and over	lb.	.11	- —
1-24	lb.	.11¼-	—
inland territory, cbys., c.l.	lb.	.1185-	—
l.c.l., 25 and over	lb.	.1235-	—
1-24	lb.	.1285-	—
southern territory, cbys., c.l., l.c.l., 25 and over	lb.	.1170-	.1240
1-24	lb.	.1220-	.1290
	lb.	.1270-	.1320
Fumaric, bbls	lb.	.75	- —
Gallic, tech., bbls	lb.	.70	Nom.
N. F., VI, bbls., 200 lbs., 5 or more	lb.	.77	Nom.
single bbls	lb.	.80	Nom.
fib. dms., 25 lbs	lb.	.81	Nom.
Gamma., bbls	lb.	.85	- —
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	—
H, bbls	lb.	.45	- —
Hydriodic, 47%, bots	lb.	2.30	—
5-lb. bots	lb.	2.51	—
57%, bots	lb.	2.75	- 2.90
Hydrobromic, 10% dilut., USP, pure, 34% conct., cbys	lb.	.20	- .21
	lb.	.42	- .44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	- 1.00
Hydrofluoric, 30%, bbls	lb.	.07	- .07½
lead cbys	lb.	.09	- .09¼
48%, lead cbys	lb.	.11¼-	.12
52%, lead cbys	lb.	.12¼-	.13
60%, lead cbys	lb.	.15	- .15½
Hydrofluosilic, 30-35%, 420 lb. bbls	lb.	.09	- .09¼
Hypophosphorus, USP, 30%, djns	lb.	.75	- .80
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	—
l.c.l., bbls., works	100 lbs.	2.75	—
cbys., works	100 lbs.	3.75	—
44%, bbls., c.l., works, 100 lbs.		5.50	—
l.c.l., bbls., works	100 lbs.	5.75	—
cbys., works	100 lbs.	6.75	—
light, 22%, bbls., c.l., works, 100 lbs.		3.50	—
l.c.l., bbls., works	100 lbs.	3.75	—
cbys., works	100 lbs.	4.75	—
44%, bbls., c.l., works, 100 lbs.		6.50	—
l.c.l., bbls., works	100 lbs.	6.75	—
cbys., works	100 lbs.	7.75	—
50%, edible, 20 and over, bbls., cbys.	lb.	.10¼-	.11½
plastic grade	lb.	.12¼-	.13¾
5 to 19, edible, bbls., cbys.,	lb.	.11	- .12
plastic grade	lb.	.12¾-	.13¾
1 to 4, edible, bbls., cbys.,	lb.	.11½-	.12¼
plastic grade	lb.	.13¼-	.14½
80%, 5 and over, bbls., cbys.	lb.	.21	- .22
1 to 4 bbls., cbys	lb.	.21½-	.22½
USP, XI, 85%, cbys.	lb.	.43	- .45
USP, VIII, 75%, cbys	lb.	.41	- .43
Lauric, dist., tech., dms	lb.	.13¼-	.14
Laurent's, bbls.	lb.	.45	—
Linseed oil, dark, dms	lb.	.11½	Nom.
light, dms	lb.	.12½	Nom.
extra white, dist., dms	lb.	.13¾-	.14¼
Maleic, powd., dms	lb.	.30	—
anhydride, dms., c.l.	lb.	.25	—
dms., l.c.l.	lb.	.26	—
Malic powd., kegs	lb.	.47	—
Mandelic, bots.	lb.	2.30	—
dms., 1,000 lbs	lb.	1.90	—
smaller lots	lb.	2.15	—
Mixed, tanks, nitric unit	lb.	.05	- .06
sulphuric unit	lb.	.0085-	.009
Molybdic, kgs., works	lb.	.95	- 1.10
Monochloroacetic, tech., bbls.	lb.	.15	- .18
Monosulphonic, bbls.	lb.	1.50	—
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	—
l.c.l., 25 and over, E. works	100 lbs.	1.75	—
10 to 24, works	100 lbs.	1.85	—
1 to 9, works	100 lbs.	2.45	—
tanks, works	100 lbs.	1.65	—
Acid, muriatic, 20°, cbys., c.l., E. works	100 lbs.	1.75	—
l.c.l. 25 and over, works, 100 lbs.		2.00	—
10 to 24, works	100 lbs.	2.10	—
1 to 9 works	100 lbs.	2.70	—
tanks, works	100 lbs.	1.15	—
22°, cbys., c.l., E. works, 100 lbs.		2.25	—
l.c.l., 25 and over, works, 160 lbs.		2.50	—
10 to 24, works	100 lbs.	2.60	—
1 to 9, works	100 lbs.	3.20	—
tanks, works	100 lbs.	1.65	—
cryst., gran., bbls., car lots	lb.	.21	—
6-lb. bots	lb.	.18½-	—
consumers, cbys	lb.	.08	—
6-lb. bots	lb.	.20	—
Myristic, dist., dms	lb.	.16½-	.16¾
Naphthenic, acidity, 120-200 dms., c.l.	lb.	.07	Nom.
210-230, dms., c.l	lb.	.09	Nom.
240-280, dms., c.l	lb.	.10	Nom.
Sludge, dms., c.l	lb.	.05	Nom.
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	—
l.c.l., 25 and over, E. works	100 lbs.	5.25	—
10 to 24, works	100 lbs.	5.35	—
1 to 9 works	100 lbs.	5.95	—
38°, cbys., c.l., E. works, 100 lbs.		5.50	—
Western works	100 lbs.	5.75	—
l.c.l., 25 and over, E. works	100 lbs.	5.75	—
10 to 24, works	100 lbs.	5.85	—
1 to 9, works	100 lbs.	6.45	—
40°, cbys., c.l., E. works, 100 lbs.		6.00	—
l.c.l., 25 and over, E. works	100 lbs.	6.25	—
10 to 24, works	100 lbs.	6.35	—
1 to 9, works	100 lbs.	6.95	—
42°, cbys., c.l., E. works, 100 lbs.		6.50	—
l.c.l., 25 and over, works, 100 lbs.		6.75	—
10 to 24, works	100 lbs.	6.85	—
1 to 9, works	100 lbs.	7.45	—
C.P., USP., dealers, cbys	lb.	.11¼-	—
7-lb. bots	lb.	.22½-	—
consumers, cbys	lb.	.13	- —
7-lb. bots	lb.	.24	—
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works, 10,000 lbs., and over	lb.	.10¾-	—
	lb.	.11	- —
smaller quantities	lb.	.12	- .14
Palm oil, white, dist., dms	lb.	.07	- .07½
tanks	lb.	.06½-	—
Phenylacetic, bots	lb.	1.75	- 3.00
Phosphoric, ortho, tech., 50%, cbys	lb.	.06	—
75%, cbys	lb.	.07½-	—
USP, 85%, s. g. 1,710 cbys., 180 lbs	lb.	.12	—
50%, s. g., 1,347 cbys., 70 lbs	lb.	.12	—
djns., 25 lbs	lb.	.15	—
10%, dilut., cbys., djns	lb.	.07	- .07½
Picramic, kgs	lb.	.65	- .70
Picric, bbls	lb.	.35	—
Propionic ref., cbys., works	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls	lb.	1.05	Nom.
cns.	lb.	1.10	Nom.
USP, cryst., cns	lb.	1.45	Nom.
resubl., cns	lb.	2.05	Nom.
Pyroligneous, bbls., dlvd. E. gal.		.25	—
Ricinoleic, com'l. split (see Acid, castor oil, split).			
tech. dms., c.l., works	lb.	.27	—
l.c.l., dms., works	lb.	.28	- .33
Salicylic, tech., bbls	lb.	.33	—
USP. bbls	lb.	.35	- .40
Sebacic, C.P., bbls., works	lb.	No prices	
tech., bbls., works	lb.	No prices	
Soybean oil, dist., dms	lb.	.09¼-	.09¾
Stearic, distil., double pressed, bgs., dlvd	lb.	.12	- .13
single pressed, bgs., dlvd	lb.	.11½-	.12½
triple pressed, bgs., dlvd	lb.	.14¾-	.15¾
saponif., double pressed, bgs., dlvd	lb.	.12¼-	.13¼
triple pressed, bgs., dlvd	lb.	.15	- .16
Succinic, bbls	lb.	.75	—
Sulphanilic, CP, bots., works	lb.	1.60	- 1.68
tech., dms., works	lb.	.17	—
Sulphonaphthenic, dms	lb.	.04	- .10
Sulphuric, 60°, cbys., c.l., E. works	100lbs.	1.25	—
l.c.l., 25 and over, works, 100lbs.		1.50	—
10 to 24, works	100 lbs.	1.60	—
1 to 9, works	100 lbs.	2.20	—
tanks, E. works	ton.	13.00	—
66°, cbys., c.l., E. works, 100 lbs.		1.50	—
l.c.l., 25 and over, works, 100 lbs.		1.75	—
10 to 24, works	100 lbs.	1.85	—
1 to 9, works	100 lbs.	2.45	—
tanks, E. works	ton.	16.50	—
98°, tanks, works	ton.	17.50	—
C.P., USP, dealers, cbys	lb.	.06½-	—
9-lb. bots	lb.	.16¾-	—
consumers, cbys	lb.	.08	—
9-lb. bots	lb.	.18	—
fuming, 20%, tanks, E. works	ton.	18.50	—
65%, tanks, E. works	ton.	36.00	—
Tannic, tech., bbls., dms	lb.	.40	Nom.
USP, fluffy, bbls., 1,000 lb. lots	lb.	.88	Nom.
100-lb. lots	lb.	.90	Nom.
25-lb. lots	lb.	.93	Nom.
powd., bbls., 1,000 lbs	lb.	.78	Nom.
smaller lots	lb.	.80	Nom.
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.	lb.	.29½-	—
kgs.	lb.	.30½-	—
smaller quantities	lb.	.29¾-	—
Tobias, bbls	lb.	.60	- .65
Trichloroacetic, bots	lb.	2.00	- 2.50
Tungsten, CP, kgs., wks	lb.	No prices	
Chem. grade, kgs., wks	lb.	No prices	

Acacia—Alcohol, Isopropyl

Aconite, leaves, bls	lb.	.35	- .36
Root, bls	lb.	.35	- .37
Aconitine, amorph., bots	oz.	23.00	—
vis.	gr.	1.00	—
cryst., bots	oz.	42.00	—
vis.	gr.	1.60	—
Adeps lanae, anhyd., dms	lb.	.19¾-	.20¼
hyd., dms	lb.	.18¾-	.19¼
Agar 1, bls	lb.	1.50	Nom.
3, bls	lb.	No prices	
Agaric, white, bls	lb.	No prices	
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld	lb.	.13	—
pow'd, grade A, same basis, ton lots	lb.	.15	—
smaller lots, same basis	lb.	.18	—
Albumen, blood, light, dom., flake, dms., f.o.b. Chicago, frt alld.	lb.	.55	- .68
import, bgs	lb.	.69	Nom.
egg, ed., dom., cryst., bbls	lb.	.64	- .66
dom., pwd., dms., bbls., bgs.	lb.	.69	- .71
import, cs	lb.	.68	Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld	lb.	.111	—
l.c.l., frt. alld	lb.	.121	—
tanks, frt. alld	lb.	.101	—
Benzyl, cans	lb.	.68	—
drums	lb.	.62	—
Butyl, normal, cns., works	lb.	.12¼-	.14½
dms., c.l., frt. alld	lb.	.08	—
l.c.l., frt. alld	lb.	.08½-	—
tanks, frt. alld	lb.	.07	—
tankwagon, frt. alld	lb.	.07½-	—
secondary, dms., c.l., frt. pd., E. of Miss. R	lb.	.06½-	—
l.c.l., same terms	lb.	.07	—
tanks, same terms	lb.	.05½-	—
tertiary, denaturing, dms., frt. alld	lb.	.14	—
Capryl, pure, dms., works	lb.	2.50	—
tech., dms., works	lb.	.85	—
Cetyl, dom., C.P., fiber ctns., 1,000 lbs	lb.	1.50	—
500 lbs	lb.	1.70	—
100 lbs	lb.	1.80	—
25 lbs	lb.	1.90	—
5 lbs	lb.	2.00	—
com'l., dms	lb.	.95	—
import, 85%, 100-lb. dms	lb.	.55	—
5 to 10 lbs	lb.	.75	—
com'l., dms., 350 lbs	lb.	.45	—
Cinnamic, bots	lb.	2.00	- 2.90
Denatured, CD14, dms., c.l., works, E.	gal.	.29½-	—
l.c.l., works, dms	gal.	.34½-	—
tanks, E., works	gal.	.23½-	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works	gal.	.26½-	—
19 bbls., E. works	gal.	.28½-	—
1 to 18 bbls., E. works, gal.		.31½-	—
dms., c.l., E. works	gal.	.25½-	—
19 dms., E. works	gal.	.27½-	—
gal.		.30½-	—
tanks, E. works	gal.	.19½-	—
Anhydrous 3c. per gal higher.			
SD-2B., dms., c.l., works, E. gal.		.24½-	—
19 dms., works, E	gal.	.26½-	—
1 to 18 dms., works, E. gal.		.29½-	—
tanks, E., works	gal.	.18½-	—
SD28-G, works, E., dms	gal.	.30	—
19 dms.	gal.	.32	—
1 to 18 dms	gal.	.35	—
tanks	gal.	.24	—

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works	gal.	.26½-	—
20 dms., E. works	gal.	.28½-	—
1 to 19 dms., E. works, gal.		.31½-	—
tanks, E. works	gal.	.20½-	—

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd	lb.	.09	—
l.c.l., dlvd	lb.	.09½-	—
cns., works	lb.	.13½-	.15½
tanks, dlvd	lb.	.08	—
tech., contract, dms., c.l., dlvd	lb.	.08½-	—
l.c.l. dlvd	lb.	.09	—
cns., works	lb.	.13	- .15
tanks, dlvd	lb.	.07½-	—
Ethyl, 190 pf., ex molasses, bbls., c.l	gal.	4.53	—
19 bbls	gal.	4.56½-	—
1 to 18 bbls	gal.	4.59½-	—
dms., c.l	gal.	4.52	—
19 dms	gal.	4.55½-	—
1 to 18 dms	gal.	4.58½-	—
tanks	gal.	4.46	—
absolute, dms., c.l	gal.	4.79½-	—
19 dms	gal.	4.83	—
1 to 18 dms	gal.	4.86	—
Grain alcohol 25c. gal higher.			
Furfuryl, tech., cns., works	lb.	.35	—
dms., c.l., 33,000 lbs., works	lb.	.30	—
l.c.l., 500 lbs. and more, works	lb.	.25	—
Isoamyl, primary, dms., l.c.l., dlvd	lb.	.27	—
cans, works	lb.	.32	—
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies	lb.	.0680-	—
l.c.l., same terms	lb.	.0730-	—
tanks, same terms	lb.	.0580-	—
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest	gal.	.65	—
55 gal., c.l., same basis	gal.	.33½-	—
l.c.l., same basis	gal.	.33½-	—
tanks, frt., alld	gal.	.23½-	—

Alcohol, Isoprop.—Black, Carb.

Alcohol, isopropyl, 99%, dms., 5 gal., same basis..gal. .65 - —
55 gal., c.l., same basis, gal. .56 - —
l.c.l., same basis ....gal. .61 - —
tanks, same basis.....gal. .51 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.25
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .18 - .19
Aloe, Barbadoe, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .43 - .44
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .43 - .45
Aloin, 140-lb. bbls.....lb. 2.95 - —
100-lb. kgs.....lb. 2.97 - —
25-lb. fib. dms.....lb. 3.04 - —
Alphanaphthol, bbls.....lb. .32 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .38 - .43
peeled, bls.....lb. .32 - .42
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - —
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - —
dlvd. N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - —
dlvd. N. Y., Phila..100 lbs. 3.55 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works, 100 lbs. 3.40 - —
dlvd., N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - —
dlvd. N.Y., Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - —
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .16¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd. .....lb. .09 - —
basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd. .....lb. .12 - —
basic powd., bbls., dlvd...lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs., works..lb. .07 - —
1,100 to 11,000 lbs., works, lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
cryst., com'l, dms., c.l., works lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works...lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd. .....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd .....lb. .12½ - —
l.c.l., bbls., dlvd.....lb. .13 - —
Aluminum, oleate, dms., contro., lb. .16¾- —
open order .....lb. .17¼- .18½
Palmitate, precip., bbls.....lb. .24½- —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .17½- —
l.c.l., ton.....lb. .18½- —
less than ton.....lb. .22½- —
Sulphate, com'l, bgs., c.l., works, frt. equald..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald..100 lbs. 1.35 - —
l.c.l., works, frt. equaled 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
98-99%, c.l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .63 - —
ink, dms., 1,500 lbs.....lb. .73 - —
standard, dms., 1,500 lbs..lb. .40 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .43 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .57 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .40 - —
Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 - 26.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works.. lb. .05 - —
pure, cyls., dlvd., met. N.Y.lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05 - —
dms., c.l. .....lb. .02 - —
l.c.l. .....lb. .02¼- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit, lb. .04 - —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.lb. .03¼- —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .20 - .22
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .32 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .09 - .12½
imported, csks. .....lb. .06 - .12½
USP, lump, dms.....lb. .09 - .17
powd., bbls., dms.....lb. .09 - .35
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .13 - .18
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .86 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide, (see Ammonia, aqua),
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Linoleate, 80%, anhyd., bbls. lb. .11 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., c.l., works, 100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .11 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure, gran.....lb. .32 - —
Perchlorate, kegs .....lb. .16 - .18
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.30
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y...lb. .09 - —
5 bbls., same basis.....lb. .09½- —
Stearate, anhydrous .....lb. .22 - —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. Sept. shipt..ton. 27.00 - —
Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.
Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works .....lb. .12 - .15
tanks, dlvd. .....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 32%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .55 Nom.
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., contracts, N. Y., c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. No prices
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .11½- .13½
l.c.l., dlvd.....lb. .12 - .14
tanks, dlvd.....lb. .10½- .12½
cns., works.....lb. .16 - .18
ex pentane, dms., c.l., frt., alld..lb. .10½- —
l.c.l., frt., alld.....lb. .11½- —
tanks, frt., alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works .....lb. .0665- —
tanks, works .....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .26 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .61 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102- —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .23 - .24
import, natural, bls.....lb. .34 Nom.
twisted, bls.....lb. .39 Nom.
Angostura bark, bls.....lb. .40 - .41
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .25 - .26
Star, bgs.....lb. .19 - .20
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
80%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .12¼- —

Antimony, needle, powd., bbls., kgs..lb. .20 Nom.
Oxide, bgs., c.l., dlvd.....lb. .11 Nom.
l.c.l., ex whse.....lb. .11½ Nom.
Salts, 65%, kgs.....lb. .25¾ Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .14½ Nom.
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 - 23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .09 - .10
Arecoline hydrobromide, bots..oz. No prices
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .65 - .70
Root, bls.....lb. .45 - .46
Arrowroot, St. Vincent, powd. bgs..lb. .08 - .08¾
bbls. .....lb. .08½- .09
Arsenic, metal, lump, cs.....lb. .60 Nom.
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs. .....lb. .23 - .24
powd., bbls., bxs.....lb. .40 - .45
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 43.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .06½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 80.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton. 12.50 - 14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 7.00 - —
Sulphate, bots. .....oz. 4.00 - —

B

Balm of Gilead buds, bgs....lb. .45 - .50
Barberry bark, bgs.....lb. .23 - .24
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.00 - 3.10
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton. 41.00 - 43.00
99% thru 200 mesh, bgs., c.l., works..ton. 43.00 - 45.00
precip., bgs., c.l., works..ton. 52.50 - —
Chicago .....ton. 55.00 - —
l.c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
bbls., c.l., works.....ton. 57.50 - —
Chicago .....ton. 60.00 - —
l.c.l., works.....ton. 62.50 - —
Chicago .....ton. 65.00 - —
sulphur-free, bgs., c.l., works, ton. 57.50 - —
l.c.l., works.....ton. 62.50 - —
Chlorate, kgs.....lb. .18 - .18½
Chloride, C.P., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 93.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. & S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
bbls., l.c.l., bgs., same basis..ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 2, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., bgs., same basis..ton. 96.00 - —
bbls., same basis..ton. 98.00 -
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .14 - .15
Fluosilicate, bbls.....lb. .16 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .03 Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- —
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).

Barium, sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore.ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.25 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.50 - —
southern off color, bulk, mines, ton. 12.00 - —
95.75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.... ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No price.
l.c.l., ex whse.....ton. No prices.
German, ungrd., bulk, c.l., ex dock..ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse. .....ton. 32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 - 10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....lb. .32 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. .26 - .28
Root, bls. .....lb. .33 - .34
Bentonite, 200 mesh, bgs., Wyo., works..ton. 11.00 - —
325 mesh, bgs., Wyo., works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
Benzoyl chloride, cbys.....lb. .25 - .30
Peroxide, pure, gran., fib. ctns., works..lb. 1.85 - —
Benzyl acetate, f.f.c., cns.....lb. .40 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans. lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns. .....lb. 4.15 - 5.00
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.60
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns. .....lb. 16.75 - —
Sulphate, cns. .....lb. 16.75 - —
Berberis root, bls.....lb. .11 - .13
Betanaphthol, sublim., kgs.....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls. .....lb. .19 - .21
Bismuth chloride, 5-lb. bots..lb. 2.20 - 2.35
Citrate, USP, VIII, 5-lb. bots., lb. 2.70 - —
jars .....lb. 2.65 - —
Bismuth, hydroxide, 5-lb. bots..lb. 2.27 - —
cns. .....lb. 2.15 - —
Metal, ton lots.....lb. 1.10 - —
Nitrate, cryst., 5-lb. bots....lb. 1.84 - —
cns. .....lb. 1.90 - —
Oxychloride, 5-lb. bots.....lb. 2.04 - —
cns., kgs. .....lb. 2.05 - —
Subbenzoate, 5-lb. bots.....lb. 2.30 - —
fib., dms.....lb. 1.15 - 1.20
Subcarbonate, bots., cns.....lb. 1.52 - 1.72
fib. dms. .....lb. 1.43 - 1.62
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.67 - 1.82
fib. dms.....lb. 1.58 - 1.91
Subiodide, cns.....lb. 3.01 - —
fib., dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.32 - 1.50
fib. dms. .....lb. 1.23 - 1.36
Subsalicylate, 62-66%, bxs....lb. 2.44 - —
bbls., fib. dms.....lb. 2.25 - —
Sulphocarbolate, 5-lb. bots...lb. 2.61 - —
fib. dms.....lb. 2.50 - —
Trioxide, powd., 5-lb. bots...lb. 2.62 - —
cns. .....lb. 2.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 2.40 - —
cns. .....lb. 2.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 2.14 - —
fib. dms.....lb. 2.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .13 - —
l.c.l., frt. alld. E.....lb. .13½- —
2, bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., c.l., frt. alld. E....lb. .06½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E. lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .08 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .08¼- —
8, bbls., bgs., c.l., frt. alld. E, lb. .10 - —
l.c.l. frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
bgs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .29 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works...lb. .40 - —
cs., c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —

Black, carbon, standard, bgs., cs., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra). lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst., States)..lb. .0319- —
30,000 lbs., dlvd., Zone C, (Pac. Cst. States)..lb. .0335- —
D (Ill., Ia., Wis.)...lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)....lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico), f.o.b. border..lb. .03 - —
f.o.b. N. Orleans.lb. .0290- —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (seller's option), l.c.l., dlvd..lb. .06¼- —
Black, carbon, standard, bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s., Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls, c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N.Y. lb. .04½- —
B bbls, works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls....lb. .22 - .23
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l....ton.60.00 - —
l.c.l. .....ton.65.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.75.00 - —
l.c.l., same basis....ton.80.00 - —
pulp 56%%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 4.25 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 4.00 - —
import, bgs., c.i.f. ports, shpt., unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. highed dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 2).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .23 - .27
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefiag root, bls. .....lb. .13 - .14
Blue mass USP., cns.....lb. 1.24 - —
powd., cns.....lb. 1.26 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works...100 lbs. 4.60 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.75 - —
6-15 bbls., same basis, 100 lbs. 4.95 - —
1-5 bbls., same basis..... 100 lbs. 5.20 - —
monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 9.15 - 9.40
l.c.l. dealer.....100 lbs.10.15 -10.40
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.27.00 - —
import, bgs., c.i.f. ports..ton.32.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.32.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt..ton.26.50 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.27.00 - —
Boneset leaves, bales.....lb. .08 - .09
Borage flowers, bales.....lb. .23 - .24
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
gran., sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP. 615 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½ —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol. bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .90
Bronze, printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .14½- .15
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works. lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12¼- —
2, bbls., same basis..lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis...lb. .06¾- —
11, bbls., same basis...lb. .06¼- —
12, bbls., same basis...lb. .06¼- —
13, bbls., same basis...lb. .06 - —
14, bbls., same basis...lb. .05½- —
umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
Boston .....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle .....lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¼- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .15 - .17
Buchu leaves, bls.....lb. .50 - .60
Buckthorn bark, true, bls.....lb. .09 - .10
cut and sifted, bbls.....lb. .13 - .14
Berries, bgs.....lb. .28 - .29
Burdock root, bls.....lb. .12 - .15
Burgundy pitch, dom., bbls .lb. .05 - .05½
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .12½- .14½
dms., c.l., frt. alld.....lb. .08 - —
l.c.l., frt. alld.....lb. .08¼- —
tanks, contract, frt. alld..lb. .07 - —
tankwagons, frt. alld.....lb. .07¼- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06¼- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17¼
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55 gal. dms., dlvd..lb. .35 - —
5 gal. cns.....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16¼- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Cadmium, lithopone (see Yellow).
Metal, pat. shapes, cs.....lb. .70 - —
ingots, or sticks.....lb. .65 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. ums., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.23 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb., 10,000 lbs., or more...lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
Caffeine, 10-lb. cans, 10,000 lbs. or more..lb. 2.25 - —
2,000 lbs. or more.....lb. 2.30 - —
1,000 lbs. or more.....lb. 2.35 - —
100 lbs. .....lb. 2.40 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs. or more lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .23 - .24
Calamus root, peeled, N.F., cs. lb. .17 - .20
bleached, bls.....lb. .65 - .70
Calcium acetate, bgs., dlvd. 100 lbs. 1.75 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06¼- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd.....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, USP, gran., powd., bbls., 125 lbs..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, for shipment during July, August, September.....ton.27.25 - —
Palmitate, bbls.....lb. .23½- .24½
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton, lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., 1 ton.....lb. .21½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS., bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works., 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls..200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .33 - .34
Calomel, bbls. 50 lbs. or more..lb. 1.97 - —
Camphor, natural, powd., cs...lb. .62 - .63
slabs, cs.....lb. .63 - .64
tablets, tins.....lb. .68 - .69
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .35 - —
smaller lots, works....lb. .40 - —
USP, or import., gran., powd., bbls., 2,000-lb. lots....lb. .50 Nom.
1,000-lb. lots.....lb. .51 Nom.
smaller lots.....lb. .52 Nom.
tablets, 2,000-lb. lots....lb. .63 Nom.
1,000-lb. lots.....lb. .64 Nom.
smaller lots.....lb. .65 Nom.
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .04½- .05
Morocco, bgs.....lb. .04¼- .04½
Turkish, bgs.....lb. .04½- .05
Canella alba bark, bls.....lb. .29 - .30
Canella alba bark, bls.....lb. .40 - .41
Cantharides, Chinese, cs.....lb. .90 - .95
powd., bxs.....lb. 1.10 - 1.15
Russian, cs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.55 - 1.60
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .15½- .16
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works .....lb. .34 - —
tanks, works .....lb. .32 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l. same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08¾
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .06½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .80 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 53½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .96 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —

Black, Carb.—Chlor. Rubber

Carbon, tetrachloride, Zone 4, 52½ gal., dms., c.l..gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.55 - 2.00
decorticated, cs. .....lb. .80 - 1.10
green, bgs. .....lb. .65 - .90
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .17 - —
5 tons, works.....lb. .18½- —
smaller lots, works.....lb. .20 - —
80-100 mesh, bgs.....lb. .17½- —
5 tons, works.....lb. .19 - —
smaller lots, works.....lb. .20½- —
import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .16 Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .16½ Nom.
French, 30 mesh, bgs., c.l., duty paid..lb. .14 Nom.
Cassia, Fatavia, 1, bgs.....lb. .18 - .19
shortsticks, bls.....lb. .15 - .16
broken, bls.....lb. .12½- .13
China, rolls, select, bls.....lb. .11½- .12
broken, extra, bls.....lb. .11 - .11½
Saigon, bls.....lb. .19 - .20
Cassia, buds, cs.....lb. .15 - .16
Cassia fistula, bskts.....lb. .12 - .13
Castile soap, Italian, white, bars, 40 lb. cases..case.14.00 - —
powd, bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 6½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.i.f., ports, shipment..ton.18.00 - —
Catnep leaves, Southern, bls...lb. .22 - .23
Celery seed, French, bgs.....lb. .29 - .31
Indian, bgs.....lb. .24 - .26
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., cs., 5,000 lbs. and over, frt. alld..lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Acetobutyrate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .52
Acetopropionate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb. .515 - —
100 to 900 lbs.....lb. .525 - .54
Triacetate, flake, cs., 5,000 lbs. and over, frt. alld...lb. .35 - —
100 to 4,950 lbs., same basis..lb. .36 - —
less than 100 lbs., works, lb. .37 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .40 - .45
Roman, bls.....lb. .40 - .45
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.29.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.27.00 - —
Indiana .....ton.28.00 - —
Mo., Okla., Tex. (except El Paso)...ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan .....ton.29.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.66.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02½- —
l.c.l., bbls., wks.....lb. .02¾- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.60 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Baltc., Boston, Norfolk, Phila..ton.26.00 Nom.
powd., csks., l.c.l., ex dock, ton.39.00 Nom.
ex whse.....ton.42.00 Nom.
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45

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Chlorine—Diatomaceous Earth

Chlorine, liq., cyls., c.l., dlvd., N. Y.	lb.	.05¼	—
contracts, dlvd., N. Y.	lb.	.06¼	—
l.c.l., dlvd., N.Y.	lb.	.07¼	—
tanks, single unit, works, frt. equald.	100 lbs.	1.75	—
multiple unit, 3 or over, wks., frt. equald., 100 lbs.		1.90	—
2, works, frt. equald., 100 lbs.		2.15	—
1, works, frt. equald., 100 lbs.		2.60	—
Chloracetophenone, tins, works	lb.	3.00	3.50
Chloroform, tech., 650-lb. dms.	lb.	.20	—
100-lb. dms	lb.	.22	—
50-lb. dms	lb.	.23	—
USP, 650-lb. dms	lb.	.30	—
100-lb. dms	lb.	.32	—
50-lb. dms	lb.	.33	—
Chloropicrin, coml, 180-lb. cyls., works	lb.	.80	—
100 lb. cyls., works	lb.	.85	—
5-25 lb. cyls., works	lb.	1.00	1.15
Chrome acetate, powd., 24%, bbls., dlvd.	lb.	.13½	—
solut., 8½% cs., bbls	lb.	.05¾	—
Cake, bulk, c.l., works	ton.	14.00	15.00
Green (see Green, chrome).			
Oxide (see Green, chrome).			
Sulphate, pearls, dms.	100 lbs., lb.	.40	—
powd., dms., 100 lbs	lb.	.46	—
scales, dms., 100 lbs	lb.	.46	—
Trioxide (see Acid, chromic).			
Yellow (see Yellow, chrome).			
Chrysarobin, 5-lb. bot	lb.	5.00	—
Cinchona bark, quill, USP., 10 in., medium, cs.	lb.	.70	.75
20 in., thick, cs	lb.	.75	.80
20 in., medium, cs	lb.	.65	.70
USP, broken quill, red, bgs.,	lb.	.28	.30
yellow, bgs.	lb.	.28	.30
Cinchonidine, crys., small cns., 100 ozs.	oz.	.83	—
large, cns.	100 ozs.	.87	—
powd., cns	100 ozs.	.80	—
Sulphate, N.F., cns.	100 ozs.	.47	—
Cinchonine, crys., small, cns., 100 ozs.	oz.	.54	—
large, cns.	100 ozs.	.58	—
powd., cns	100 ozs.	.50	—
Sulphate, N.F., cns.	100 ozs.	.54	—
Cinchophen, USP, boxes, 5 lbs.,	lb.	3.75	—
bots., 1 lb	lb.	3.27	—
dms., 100 lbs	lb.	3.00	—
Cinnamic alcohol (see Alcohol cinnamic).			
Aldehyde, f.c.c., cbys	lb.	.85	.90
Cinnamon, Ceylon, 2 bls	lb.	.14	.14½
3 bls.	lb.	.13½	.14
Citral, bots., cns	lb.	1.40	3.10
Citrine ointment, jars, tubes	lb.	.82	—
Citronellal, bots., dms	lb.	.75	.80
Citronellol, bots., dms	lb.	1.60	1.85
Clove, Madagascar, bls	lb.	.25	.26
Zanzibar, bls	lb.	.26	.27
Clover tops, bgs	lb.	.16	.17
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.50	7.75
l.c.l., works	bbl.	8.35	8.60
tanks, works	gal.	.07½	.09
refd., bbls., c.l., works	bbl.	8.00	8.25
l.c.l., works	bbl.	8.75	9.00
tanks, works	gal.	.06½	.19
water-gas, crude, dms., c.l., works.	dm.	7.50	—
l.c.l., works	dm.	8.25	—
refd., dms., c.l., works	dm.	8.00	—
l.c.l., works	dm.	8.75	—
Cobalt acetate, bbls., kgs., dlvd.,	lb.	.85	.87
Carbonate, pwd., bgs., wks.,	lb.	1.35	1.60
Chloride, kgs., wks	lb.	.76	1.20
Hydrate, bbls	lb.	1.75	—
Linoleate, paste, 6%, dms	lb.	.31	—
solid, 8¼%, bbls	lb.	.32	—
Oleate, bbls	lb.	.25	Nom.
Oxide, black, kgs	lb.	1.67	—
Resinate, fused A, bbls	lb.	.13½	—
1%, bbls	lb.	.13	—
2%, bbls	lb.	.14	—
3½%, bbls	lb.	.17½	—
precip., dms., dlvd	lb.	.34	—
Sulphate, dms	lb.	.89	—
Cocaine, hydrochloride, 100 ozs., cns.	oz.	9.75	—
Cochineal, gray, bgs	lb.	.35	.38
Teneriffe, silver, bgs	lb.	.84	.90
Cocoa butter, bulk, c.l., bgs	lb.	.14	.14½
Cocillana bark, bgs	lb.	.20	.21
Codeine, cns., 100 ozs	oz.	11.70	—
Hydrochloride, cns., 100 ozs.	oz.	10.50	—
Phosphate, cns., 100 ozs	oz.	9.00	—
Sulphate, cns., 100 ozs	oz.	9.50	—
Codliver oil (see Oil, codliver).			
Cohosh, black, root, bls	lb.	.06¼	.07
Blue, root, bls	lb.	.06	.07
Colchicine, bots., 4 ozs	oz.	18.00	—
single ozs.	oz.	19.00	—
Colchicum seed, bgs	lb.	.35	.36
Collodion, USP, dms., 325 lbs.	lb.	.12½	—
cns., 25 lbs.	lb.	.16	—
Flexible, USP, dms., 325 lbs.	lb.	.14½	—
cns., 25 lbs.	lb.	.18	—
Colocynth pulp, bls	lb.	.30	.33
Colombo root, bls	lb.	.10	.13
Coltsfoot leaves, bgs	lb.	.11	.12
Condurango bark, bgs	lb.	.11	.12
Conium leaves, bls	lb.	.21	.22
Copaiba balsam, Para, cns	lb.	.28	.28½
S. A. USP, cns	lb.	.29	.29½
Copper acetate, normal, bbls., dlvd.	lb.	.21	—
smaller containers, dlvd.	lb.	.23	—
Carbonate, 52-54 pc., bbls	lb.	.16	Nom.
Chloride, cryst., bbls	lb.	.13½	Nom.
Cyanide, tech., bbls	lb.	.34	Nom.
Iodide, bots	lb.	4.97	5.02
Metal, electrolytic	lb.	.12	—
Nitrate, cryst., bbls	lb.	No prices	
Oleate, precip., bbls	lb.	.20	—
Oxide, black, 79-80% bbls., tons, works.	lb.	No prices	
Red, com'l., 80-83%, kgs., f.o.b. N. Y.	lb.	No prices	
Resinate, precip., bbls	lb.	.15	.16
Stearate, precip., bbls	lb.	.24½	.25½
Sulphate (see Blue vitriol).			
Copperas, cryst., gran., bgs., c.l., works.	ton.	17.00	—
bbls., c.l., works	ton.	19.00	—
l.c.l., 25 or over, works, 100 lbs.		1.45	—
5-24, works	100 lbs.	1.55	—
1-4, works	100 lbs.	2.00	—
bulk, c.l., works	ton.	14.00	—
Copra, Coast, shipt	lb.	.0215	Nom.
Coriander seed, Morocco, bgs.	lb.	.06½	.07
bleached, bgs	lb.	.09	.09½
Corn sugar, Tanner's chipped, bgs., c.l., dlvd.	100 lbs.	3.24	—
slabs, bbls., c.l.	100 lbs.	3.16	—
solid, bbls., c.l.	100 lbs.	3.28	—
Syrup, 42°, bbls., c.l.	100 lbs.	3.27	—
43°, bbls., c.l.	100 lbs.	3.32	—
Cornsilk, bls	lb.	.08½	.09
Corrosive sublimate, cryst., dms., 50 lbs. or more	lb.	1.64	—
gran., powd., dms., 50 lbs. or more	lb.	1.49	—
Cottonroot bark, bls	lb.	.11	.12
Cottonseed hull ash, 30-32% pot-ash. bgs., dlvd.	unit-ton.	1.00	—
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	2.75	3.00
5-lb. cns	lb.	2.85	3.10
1-lb. cns	lb.	3.00	3.25
1-oz. cns	lb.	3.35	3.60
less than 5 lbs., cns	lb.	4.15	4.65
Cramp bark, genuine, bls	lb.	.20	.21
so-called, bls	lb.	.06	.07
Cranesbill root, bls	lb.	.13¾	.14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't.	lb.	.23¾	—
smaller lots, bbls	lb.	.24¼	—
kgs.	lb.	.24¾	—
Creosote, beechwood, bots	lb.	.70	.75
Hardwood, USP, bots	lb.	.45	.47
Pine, dms	gal.	.28	—
Carbonate, bots., cbys	lb.	1.40	1.75
Oil, crude, tanks, works	gal.	.13½	.14½
Coaltar, solution, tanks, works.	gal.	.122	.132
refd., bbls., l.c.l., works	gal.	.25	—
tanks, works	gal.	.18	.18¼
Cresol, USP, dms., c.l., works.	lb.	.09½	—
l.c.l., same basis	lb.	.10	—
special resin grade, dms., c.l., works.	lb.	.08¼	—
l.c.l., same basis	lb.	.08¾	—
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works	lb.	.11	—
l.c.l., works	lb.	.12	—
5 and 10 gal. dms., works	lb.	.15	—
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more	lb.	.24	.25
2,000 lbs. to 10,000 lbs.	lb.	.25	.26
1,000 lbs. to 2,000 lbs.	lb.	.26	.27
200 lbs. to 1,000 lbs.	lb.	.27	.28
4% rotenone prices are 4c. per lb. less.			
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.			
Cubeb berries, XX, bgs	lb.	.38	.39
powd., cs.	lb.	.42	.43
Culver's root, bls	lb.	.13	.14
Cumin seed, Algerian, bgs	lb.	.21	Nom.
Morocco, bgs	lb.	.21	Nom.
Cutch, Borneo, extract, solid, bags.	lb.	No prices	
Cyanamide, 22%, N_2, pulv., bgs., dlvd., contracts, N_2, unit	ton.	1.27½	—
Cyanide-chloride, mixture, 45%, gran., dms.	lb.	.10¾	—
lump, dms	lb.	.09¾	—
75%, gran., dms	lb.	.15	—
Cyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies.	lb.	.25	—
Cyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies.	lb.	.80	—
Cyclohexanone, 98-100%, dms., works, frt. alld., E. of Rockies.	lb.	.86	—

D

Damiana leaves, bls	lb.	.20	.21
Dandelion root, German, bls	lb.	.22	.24
Deertongue leaves, bls	lb.	.10	.11
Degras, common, dom., bbls	lb.	.09½	.10
English, bbls	lb.	.10	Nom.
neutral, dom., bbls	lb.	.12	.15
English, bbls	lb.	.12	.15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more	lb.	.24	.28
2,000 lbs., to 10,000 lbs.	lb.	.26	.30
1,000 lbs. to 2,000 lbs.	lb.	.28	.32
200 lbs. to 1,000 lbs.	lb.	.30	.34
4% rotenone prices are 6c. per lb. less.			
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.			
Derris, extract, 25% rotenone, bulk, cns.	lb.	4.00	5.00
15% rotenone, bulk cns.	lb.	2.25	3.25
Devil's club, root bark	lb.	1.50	—
Dextrin, British gum, c.l., f.o.b. Chicago.	100 lbs.	3.90	Nom.
l.c.l., f.o.b. Chicago.	100 lbs.	4.00	Nom.
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	3.85	Nom.
l.c.l., f.o.b. Chicago.	100 lbs.	3.75	Nom.
white, bgs., c.l., f.o.b. Chicago.	100 lbs.	3.60	Nom.
l.c.l., f.o.b. Chicago.	100 lbs.	3.80	Nom.
Potato, import, bgs	lb.	.07⅝	Nom.
Diacetone (see under Alcohol).			
Diacetyl, bots	lb.	10.00	—
Diamyl ether, dms., c.l., works,	lb.	.085	—
l.c.l., works	lb.	.092	—
tanks, works	lb.	.075	—
Oxalate, dms., l.c.l., works	lb.	.30	—
Phthalate, dms., c.l., dlvd	lb.	.21	—
l.c.l., dlvd.	lb.	.21½	—
tanks, dlvd.	lb.	.20	—
Sulphide, dms., l.c.l., works.	lb.	1.10	—
Diamylamine, dms., c.l., works,	lb.	.47	—
l.c.l., works	lb.	.48	.50
tanks, works	lb.	.45	—
Diamylene, dms., c.l., works	lb.	.095	—
l.c.l., works	lb.	.102	—
tanks, works	lb.	.085	—
Diamylnaphthalene, dms., l.c.l., works.	lb.	.20	—
Diamylphenol (2, 4), dms., c.l., works.	lb.	.17	—
l.c.l.	lb.	.20	—
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works,	ton.	22.00	35.00
l.c.l., ex whse	ton.	45.00	150.00
import, bgs., c.l., c.i.f.	ton.	23.00	Nom.

TOLEDO
NO SPRINGS
Feeding time
Into the maw of this one-ton container—newly cleaned and inspected, valves thoroughly checked — Jim Lunney, at Mathieson's Niagara Falls plant, runs Mathieson Liquid Chlorine until the scales show a full load. Then the container goes aboard one of the multiple unit tank cars developed by Mathieson engineers to carry fifteen of these one-ton units of liquid chlorine.
Scrupulous attention to every detail of production, handling and shipping has helped establish Mathieson's position as one of the world's largest shippers of liquid chlorine and one of the most dependable sources of supply.
Mathieson Chemicals
THE MATHIESON ALKALI WORKS (INC.)
60 E. 42ND STREET, NEW YORK, N. Y.
SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER . . . HTH PRODUCTS . . . AMMONIA, ANHYDROUS and AQUA . . . FUSED ALKALI PRODUCTS . . . CCH (INDUSTRIAL HYPOCHLORITE) . . . DRY ICE . . . CARBONIC GAS . . . ANALYTICAL SODIUM CHLORITE

Dibutylamine, dms., c.l., works, lb .50 - —
l.c.l. .....lb. .51 - .53
tanks, works .....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., divd...lb. .19 - —
l.c.l., divd. .....lb. .19½- —
tanks, divd.....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0821- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .26 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniiin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, d m s . . c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .40 - .45
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Diliseed, recleaned, bgs.....lb. .15 - .16
Dimethyl phthalate, dms., c.l., divd..lb. .18½- —
l.c.l., divd. .....lb. .19 - —
tanks, divd. .....lb. .17½- —
Dimethylaniiin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylamine, dms., c.l., divd., lb. 1.00 - —
l.c.l., divd. .....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms. .....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .15 - .18
Dogwood bark, Jamaica, bls., lb. .08 - .09
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .90 - .95
Duboisine sulphate, wis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified
Blue:—
Brilliant blue FCF, cans, lb.12.50 - —
1180 Sodium indigo disulphonate, cns..lb.13.50 - —
Green:—
Fastgreen FCF, cns..lb 27.50 - —
666 Guinea green B., cns. lb.13.50 - —
670 Light green SF, yellowish, cns..lb.17.50 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb.17.50 - —
60 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau 8X, cns.....lb. 5.75 - —
Yellow:—
10 Naphthol yellow S, cns.lb. 8.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
58 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
170 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .35 - .50
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B...lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 2GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
606 Acid violet.....lb. 1.00 - 3.00
512 Primulin .....lb. .50 - .52
614 Direct fast yellow....lb. 2.00 - 2.25
645 Nigrosin (water soluble). lb. .35 - .50

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
863 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 A n t h raquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.... ....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 A m i d o azotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.60 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .66 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX.lb. .72 - .75
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
766 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .89 - —
Yellow:—
10 Naphthol yellow S..lb. .86 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .60 - .62
imported .....lb. .58 - .60
Elder flowers, bright, bls.....lb. .34 - .35
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .10½- .11
powd., bbls., bxs.....lb. .20 - .21
select, bndls. .....lb. .19 - .21
Emetine hydrochloride, bots..oz.19.00 -19.50
Ephedra, bls. .....lb. .10 - .10½
Ephedrine, tins, 1,000 ozs....oz. 1.75 - —
tins, 100 ozs. .....oz. 1.85 - —
Hydrochloride, tins, 1,000 oz., lots..oz. 1.25 - —
tins, 100 oz., lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
Epsom salt, USP, l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l...lb. .06 - .09
Ergot, USP, cns., dms.....lb. 2.25 - 2.30
Eserine, bots. .....oz.42.00 - —
Salicylate, bots. .....oz.36.00 - —
Sulphate, bots. .....oz.36.00 - —
Ether, acetic (see Ethyl acetate)
Butyl, dms., c.l., divd.....lb. .24½- —
l.c.l., divd. .....lb. .25 - —
cns. .....lb. .28 - .31
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .49
washed, dms. .....lb. .57 - .58
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .061 - —
l.c.l., frt. alld.....lb. .066 - —
tanks, frt. alld.....lb. .051 - —
95-98%, dms., c.l., frt. alld..lb. .0685- —
l.c.l., frt. alld.....lb. .0735- —
tanks, frt. alld.....lb. .0585- —
N. F., VI, 99%, dms., 400 lbs..lb. .08 - —
cns., 35 lbs.....lb. .12 - .13
USP, VIII, 90%, dms., 400 lbs. lb. .07 - —
cns., 35 lbs.....lb. .12 - —
Acetoacetate, dms., c.l., works., lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
crotonate, 55 gal. dms., divd., lb. .35 - —
Formate, cns., dms.....lb. .23 - .24
6 and 10 gal. dms., divd....lb. .75 - —
1 gal. cns.....lb. 1.00 - —
Iodide, bots.....lb. 5.01 - —
Lactate, 55-gal. dms., works. lb. .33½- —
5-gal. dms., works.....lb. .37½- —
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25 lbs. lots., cns., lb. 6.00 - —
5-lb. lots .....lb. 6.05 - —
1-lb. lots. cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, f.o.b. alld..lb. .47 - —
500 lbs. or more frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld., lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .0550
West of Rockies, same basis..lb. .0595- .06
l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .0650
West of Rockies, same basis..lb. .0694- .07
Ethyleneglycol, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .17 - .20
tanks .....lb. .15 - —
Monobutylether, dms., c.l., works..lb. .18 - —
l.c.l., works.....lb. .19 - .23
tanks, works.....lb. .17 - —
Monoethylether, dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Monoethylether, acetate, dms., c.l., works..lb. .13 - —
l.c.l., dms. .....lb. .14 - —
tanks, works.....lb. .12 - —
Monomethylether, dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .18 - —
tanks works.....lb. .16 - —
Ethylidinaniiin, dms. .....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .65 - .68
Eucalyptus leaves, bls.....lb. .08 - .09
Eugenol, cns., dms.....lb. 1.80 - 1.85
Euphorbia, bls. .....lb. .09½- .10

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C. works .....ton.17.00 -19.00
Fennel seed, French, type, bgs., lb. .09 - .10
Indian, bgs. .....lb. .09 - .10
German, large, bgs.....lb. .32 - .33
Fenugreek seed, bgs.....lb. .04½- .08
Ferric Sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .09½- —
smaller lots, works...lb. .10½- —
light, cs., 1,000 lbs. or over, works..lb. .10½- —
smaller lots, works...lb. .11½- —
water white, cs., 1,000 lbs., or over, works..lb. .11½- —
smaller lots, works...lb. .12½- —
Fir balsam, Canada, cns.....gal.10.75 -11.00
Oregon, bbls.....gal. .85 - .90
Fish berries, bgs.....lb. .16 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.15 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. 5.00 - —
wet, acidulated, 6-7% ammon., 8-4% phosphor. acid, bulk, So. Atlantic factories, contracts..unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Sept.-Oct., shipt..ton.51.00 - —
spot..ton.52.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .16 - .17
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, dom., No. 1 ground, bulk, 96-98%, f.o.b. mines, net ton.30.00 -31.60
washed gravel, 85-5, f.o.b. Ill.-Ky. mines..net ton.17.00 -18.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.18.00 -19.00
imported, 85.5, duty paid, short ton.24.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l. works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —

Fringetree bark, bls.....lb. .12 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import, bgs., c.l., ex dock.ton.25.00 Nom.
l.c.l., ex whse.....ton.32.00 Nom.
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., divd., lb. .15 - .16¾
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .12
solid, dms.....lb. .17½- .19¼

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .12 - .14
Gambier, common, cases.....lb. No prices
plantation, cases.....lb. .09¼ Nom.
Cubes, Singapore, cases....lb. .11 Nom.
extract, bbls.....lb. .06½- .09¼
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06½-.07 6/10
65 octane and above, tanks, gal. .0665- .0760
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U.S. Motor, bulk, gal. .05¾- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p., bulk, export, gal. .05¾- —
64-66, 375 e.p., bulk, export, gal. .06 - —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04½
63-66 octane, tanks....gal. .04¾- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04¾- .05½
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .04¾
third grade, tanks..gal. .04½- .04¾
63-66 octane, tanks....gal. .04¾- .05½
67-69 octane, tanks....gal. .04⅞- .05¼
70-72 octane, tanks....gal. .05¼- .05½
natural, 12-lb. v.p., tanks..gal. .03¾- .03⅞
below 60 octane tanks.gal. .04¾- —
14-lb. v.p., tanks.....gal. .04 - —
18-lb. v.p., tanks.....gal. .03 - .03½
22-lb. v.p., tanks.....gal. .03½- —
26-70 lb. v.p., tanks....gal .04 - —
below 60 octane tanks.gal. .04¾- .05½
65 octane, tanks.....gal. .06¾- —
52-56 450 e.p., naphtha, tanks..gal. .05¼- .05½
Gelatin, silver, cs.....lb. .42 - .45
Gelsemium root, bls.....lb. .11 - .12
Gentian root, bls.....lb. .14 - .15
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .19 - .20
Geraniol, cns., dms.....lb. .67 - 3.00
Geranyl acetate, bots., dms...lb. 1.20 - 2.60
Ginger root, African, bgs.....lb. .09½- .10
Cochin, lemon, bgs.....lb. .09 - .09½
Jamaica, bold, bgs.....lb. .13 - .13½
grinding, bright, bgs....lb. .10½- .11
medium, bgs.....lb. .10½- .11
Japanese, bgs.....lb. .09 - .09½
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (See Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.10
5 tons or over, works..100 lbs. 1.05 - 1.25
less than 5 tons, works..100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise. 36 jelly-grams, bgs., c.l., divd..lb. .12 - —
l.c.l., divd.....lb. .12½- —
36/58, bgs., c.l., divd.....lb. .11½- —
l.c.l., divd.....lb. .12 - —
58/82, bgs., c.l., divd.....lb. .13 - —
l.c.l., divd.....lb. .13½- —
82/108, bgs., c.l., divd....lb. .13½- —
l.c.l., divd.....lb. .14 - —
hide, calcimine type, 58 millipose 135 jelly grams, bgs., c.l., divd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251,bgs.,c.l.,same basis.lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/288,bgs.,c.l.,same basis.lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis..lb. .22 - —
l.c.l., same basis.....lb. .22 - —
126/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., cns., l.c.l.....lb. .14½- .15
dms., c.l., divd.....lb. .12½- —
l.c.l., divd.....lb. .13 - —
tanks, divd.....lb. .12½- —
dynamite, dms.....lb. Nominal.
high gravity, dms., c.l., divd.lb. .12 - —
l.c.l., divd.....lb. .12½- —
tanks, divd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., divd.lb. .09 - —
l.c.l., same basis....lb. .09½- .10
tanks .....lb. .08¾- —
for refiners, dms., returnable, tanks, divd..lb. .08¾ Nom.
soaplye, basis 80%, dms., tanks, returnable, divd..lb. .07¾ Nom.
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms.....lb. .24 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .12 - .13
Goldenseal, root, bls.....lb. 3.50 - 3.55
powd., bxs.....lb. 3.80 - 3.85
Grains of paradise, bgs.....lb. .75 - .80
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —

Graphite—Lead Oleate

Graphite, amorph., powd., 90%, 325 mesh, 65% graphitic carbon, bgs., c.l. works, lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .06¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .05¾- .06
White .....lb. .06½ Nom.
Yellow .....lb. .05¾ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls, same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
reduced, C.P., color content up 5%, same basis..lb. .06 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P., color content up 5%, same basis..lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-15%, bbls., same basis.lb. .07¼- —
16-20%, bbls., same basis.lb. .07¾- —
21-25%, bbls., same basis.lb. .08 - —
22-25%, bbls. same basis. lb. .08¼- —
26-25%, bbls., same basis.lb. .08¾- —
26-27%, bbls., same basis.lb. .09¼- —
28-30%, bbls., same basis.lb. .09¾- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼ —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-66%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, dome, pure, bbls...lb. .28 - —
ceramic, light shades, bbls., c.l., works..lb. .29 - —
l.c.l., works .....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Chrome, tetrahydroxide, bbls.lb. .35 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08 - .09
Guaiac resin, cs.....lb. .27 - .28
strained, cs.....lb. .75 - .80
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.91
Carbonate, tib. dms., 25 lbs..lb. 2.40 - 2.74
Guarana, powd., cs.....lb. 1.10 - 1.15
Gum, aloe (see A).
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .13 Nom.
white sorts, 1, bgs.....lb. .25 - .35
2, bgs.....lb. .24 - .34
powd., bbls.....lb. .15 - .18
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .19 - .20
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .39 Nom.
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
Congo, cloudy, white, bgs., c.l., same basis..lb. .30½ Nom.
3, selected pale straw bold, bgs., c.l., same basis..lb. .19¾ Nom.
4, pale bold straw, bgs., c.l., same basis..lb. .20⅞ Nom.
5, pale, straw bold, bgs., c.l., same basis..lb. .16⅜ Nom.
6, pale amber bold, bgs., c.l., same basis..lb. .17 Nom.
7, pale, straw, bold, bgs., c.l., same basis..lb. .13⅝ Nom.
8, light amber bold, bgs., c.l., same basis..lb. .13⅛ Nom.
9, medium light amber, bold, bgs., c.l., same basis..lb. .10 - —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10⅞ Nom.
11, hard dark amber bold, bgs., c.l., same basis..lb. .08⅝ Nom.
12, selected bold sorts, bgs., c.l., same basis..lb. .07⅞ Nom.
13, dark sorts bold, bgs., c.l., same basis..lb. .07⅛ Nom.
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .18 Nom.
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .08⅝ Nom.
16, inferior ivory sorts., bgs., c.l., same basis..lb. .06⅝ Nom.
17, pale, fingers, bgs., c.l., same basis..lb. .16⅝ Nom.
18, pale straw nubs, bgs., c.l., same basis..lb. .13⅝ Nom.
19, pale straw nubs, bgs., c.l., same basis..lb. .13 Nom.
20, hard dark amber nubs, bgs., c.l., same basis..lb. .09⅞ Nom.
21, ordinary selected nubs, c.l., same basis..lb. .08¼ Nom.
22, small mixed nubs, bgs., c.l., same basis..lb. .07½ Nom.
23, dark mixed nubs, bgs., c.l., same basis..lb. .07⅝ Nom.
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14⅜ Nom.
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07⅝ Nom.
26, pale, bold chips, bgs., c.l., same basis..lb. .07⅜ Nom.
27, pale small nubs, bgs., c.l., same basis..lb. .07 Nom.
28, pale dust, bgs., c.l., same basis..lb. .05½ Nom.
Batu, bold, scraped, bgs., c.l., same basis..lb. .06¼ Nom.
unscraped, bgs., c.l., same basis..lb. .05½ Nom.
Gums, copal, Congo, chips, bgs., c.l., same basis..lb. .05⅛ Nom.
dust, bgs., c.l., same basis..lb. .04⅞ Nom.
nubs and chips, bgs., c.l., same basis..lb. .05⅝ Nom.
black, bold, scraped, bgs., c.l., same basis..lb. .07¾ Nom.
unscraped, bgs., c.l., same basis..lb. .05⅝ Nom.
nubs and chips, bgs., c.l., same basis..lb. .05⅛ Nom.
Hiroe, Macassar, pale, bold, bgs., c.l., same basis..lb. .13¼ Nom.
chips, bgs., c.l., same basis..lb. .06⅝ Nom.
dust., bgs., c.l., same basis..lb. .04⅞ Nom.
nubs, bgs., c.l., same basis..lb. .11¼ Nom.
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .16⅛ Nom.
chips, bgs., c.l., same basis, lb. .07⅞ Nom.
dust, bgs.,c.l.,same basis.lb. .04⅞ Nom.
nubs, bgs., c.l., same basis, lb. .11⅜ Nom.
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13⅜ Nom.
light, bskts., c.l., same basis..lb. .15⅞ Nom.
Loba A, bskts., c.l., same basis..lb. .12¼ Nom.
B, bskts..c.l.,same basis.lb. .11⅞ Nom.
C, bskts., c.l., same basis, lb. .11½ Nom.
CNE, bskts., c.l., same basis..lb. .07⅞ Nom.
D, bskts., c.l., same basis, lb. .10 Nom.
DK, bskts., c.l., same basis, lb. .07⅝ Nom.
dust, bskts.,c.l.,same basis, lb. .06½ Nom.
Sambas and white split chips, bskts., c.l., same basis..lb. .16⅛ Nom.
Singapore, dust., bskts., c.l., same basis..lb. .06½ Nom.
spirit-soluble, CBB, bskts., basis..lb. .09⅝ Nom.
DBB, bskts., c.l., same basis..lb. .09⅝ Nom.
MA, bskts., c.l., same basis, lb. .07⅛ Nom.
MB, bskts., c.l., same basis, lb. .07⅛ Nom.
WS, bskts., c.l., same basis, lb. .09⅝ Nom.
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .07⅞ Nom.
chips, pale, bskts., c.l., same basis..lb. .10⅜ Nom.
chips, pale, small, bskts., c.l., same basis..lb. .08⅞ Nom.
extra pale sorts, bskts., c.l., same basis..lb. .10⅜ Nom.
nubs, bskts., c.l., same basis..lb. .12⅝ Nom.
pale, scraped, bskts., c.l., same basis..lb. .13¼ Nom.
seeds and dust, bskts., c.l., same basis..lb. .07½ Nom.
Pontianak, bold., genuine, bgs., same basis..lb. .17½ Nom.
mixed, bgs., c.l., same basis..lb. .15⅛ Nom.
split, bgs., c.l., same basis, lb. .14 Nom.
chips, bgs., c.l., same basis, lb. .08 Nom.
nubs, bgs., c.l., same basis, lb. .12¼ Nom.
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .22⅜ Nom.
A/D, cs., c.l., same basis.lb. .14⅜ Nom.
A/E, cs., c.l., same basis.lb. .13¼ Nom.
B, cs., c.l., same basis..lb. .21½ Nom.
C, cs., c.l., same basis.....lb. .15⅝ Nom.
D, cs., c.l., same basis...lb. .14¼ Nom.
dust., cs., c.l., same basis.lb. .06⅝ Nom.
E, cs., c.l., same basis...lb. .08⅞ Nom.
F, cs., c.l., same basis...lb. .08⅜ Nom.
Singapore 1, cs., c.l., same basis...lb. .15⅝ Nom.
2, cs., c.l., same basis....lb. .12¼ Nom.
3, cs., c.l., same basis....lb. .04⅝ Nom.
chips, cs., c.l., same basis.lb. .10⅞ Nom.
dust., cs., c.l., same basis, lb. .07 Nom.
seeds, cs., c.l., same basis, lb. .08⅞ Nom.
Elemi, cns., c.l., same basis as copal..lb. .10½ Nom.
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
dlvd., western N.Y., and Pa., Ohio,Mich.,Ind.,Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.....lb. .06¾- .07
l.c.l., same basis.....lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs., or straight, c.l..lb. .07 - .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .22 - .23
Galbanum, cs.....lb. 1.00 - 1.50
Gamboge, pipe, cs.....lb. .55 - .60
powd., bbls.....lb. .60 - .65
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 Nom.
BX, cs., c.l., same basis..lb. .38 Nom.
B1, cs., c.l., same basis..lb. .28 Nom.
B2, cs., c.l., same basis..lb. .24 Nom.
B3, cs., c.l., same basis..lb. .18½ Nom.
80% chips, cs., c.l., same basis..lb. .12½ Nom.
pale, XXX, cs., same basis.lb. .61 Nom.
1, cs., c.l., same basis...lb. .41 Nom.
2, cs., c.l., same basis...lb. .24 Nom.
3, cs., c.l., same basis...lb. .17¾ Nom.
Kino, tins .....lb. 3.50 Nom.
Locust bean, powd., bbls....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .70 Nom.
Myrrh, USP, cs.....lb. .55 - .56
Olibanum, cs.....lb. .07½- .21
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .30 Nom.
sorts, bgs.....lb. .13 Nom.
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.14.50 -14.75
Tragacanth, Alleppo, 1 cs....lb. 2.50 Nom.
2, cs.....lb. 2.40 Nom.
3, cs.....lb. 2.25 Nom.
flake, bgs.....lb. No prices
Yacca, bgs.....lb. .08 Nom.
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equal.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00- —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Gypsum, plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .28 - .29
Heliotropin, cryst., cns.....lb. 2.50 Nom.
Hellebore,white,root,powd,bbls..lb. .18 - .20
Helonias root, bls.....lb. .50 - .55
Hematine crystals, bbls.....lb. .18 - .26
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. 05½- 06
Henbane leaves, bls.....lb. .25 - .26
Henna leaves, bls.....lb. 12½- .13
powd., bbls., bxs.....lb. .17 - .18
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11¼- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .63 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
tib., ctns., same basis....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs. .....oz.13.00 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - —
Hops, N. F., bls.....lb. .23 - .24
Horehound, bls.....lb. .10 - .11
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs..oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.18.25 - —
cns., 16 oz.....oz.18.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
tib, ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.14.00 -15.00
Hyoscyamine, vials.....gr. .60 - —
Hydrobromide, vials.....gr. .60 - —
Sulphate, vials.....gr. .60 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .20 - .25
Ichthyol, bots.....lb. 4.00 Nom.
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.65 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.20 - 1.25
powd., bxs.....lb. 1.30 - 1.35
Irish moss, ordinary, bls.....lb. .16 - .17
powd., 80-90 mesh, bbls..lb. .23 - .28
prime, bleached, bls.....lb. .27 - .28
Iron acetate, N. F. IV, cbys, 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms.....100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
Acetate, liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.90 - —
syrup, djns.....lb. .57 - .86
bots .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Iron, pyrophosphate, pearls, cns., lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron ammonia citrate, brown, gran., cns..lb. .35 - .36
pearls, cns.....lb. .35 - .36
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .36
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½- —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jacorandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .20 - .22
powd., bbls., bxs.....lb. .25 - .26
resin., lump, cns.....lb. 3.70 - —
powd., bxs.....lb. 3.75 - —
Juniper berries, bgs.....lb. .09 - .12

K

Kamala, tins.....lb. .25 - .28
Kaolin (see China clay).
Kava kava root, bls.....lb. .13 - .15
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04¾- .05½
Gulf ports, p.w., bulk....gal. .03¾- .03¾
w.w., bulk..gal. .03¾- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04 - .04¾
Pennsylvania, 45 w.w., tanks gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04¾- .05½
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .10

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.75 Nom.
Middlewestern, trcs....100 lbs. 8.30 - 8.40
Neutral, trcs.....100 lbs. 9.50 -10.00
Western, choice, trcs..100 lbs. 8.40 - 8.50
Compound, trcs.....100 lbs. 9.75 -10.00
Larkspur seed, bgs.....lb. .45 - .46
Laurel berries, bls.....lb. .13 - .14
Leaves, Greek, bls.....lb. .09 - .09½
Lavender flowers, ordinary, bls.lb. .40 - .45
medium, bls.....lb. .40 - .46
select, bls.....lb. .45 - .75
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l., dealers...lb. .10 - .11
l.c.l., bgs., dealers.....lb. .1015- .11½
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E...lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd., E.....lb. .06¾- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
tib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls. .....lb. .11 - .14
Oleate, bbls. .....lb. .18½- .20

Lead, peroxide, cns., works...lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .0835- —
other points .....lb. .0810- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash...lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points.....lb. .08½- —
smaller lots, etc.....lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0860- —
other points.....lb. .0835- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
smaller lots, dlvd., Ala., etc..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc., lb. .0885- —
other points.....lb. .0860- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused, 15%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .26 - —
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Coast, ex whse....lb. .10¾- —
smaller lots, E. frt. alld. lb. .10¼- —
Pac. Coast, ex whse....lb. .10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc..lb. .07¼- —
other points.....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¾- —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers..lb. .12½- —
dealers .....lb. .10¼- —
painters .....lb. .11¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .53½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .85 - —
l.c.l., same basis.....lb. .87½- .55
grades 2 or 3, dms., c.l., same basis..lb. .87½- —
l.c.l., same basis.....lb. .40 - .67½
grade 4, dms., c.l., same basis, lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .15 - .16
Licorice extract, mass, cs....lb. .19 - .20
powd., bbls.....lb. .26 - .27
root, cuttings, bls.....lb. .08 - .10
powd., bbls., bxs.....lb. .10 - .11
select, bndls., cs.....lb. .25 - .26
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 6.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va...ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Rincon, Cal.....ton.13.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
San Francisco, Cal..ton.13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa..ton. 8.00 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, O.....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Lime, chemical, hydrated, Mitchell,, Ind..ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
San Francisco, Cal..ton.16.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa..... .....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio.....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms, same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks., except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10½- —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08½- —
30-50 dms.....gal. .11 - .15

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penn. eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns., 25 lbs...lb. 1.81 - 2.65
Linden flowers, with leaves, bls.lb. .35 - .45
without leaves, bls.....lb. .30 - .40
Linseed, cake, bgs., export...ton.31.00 -32.00
Meal, 34%, bgs.....ton.41.00 -42.00
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0710- —
dlvd., other points....lb. .0685- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07½- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Colo., Mont., N. Mex., Wyo..lb. .07½- —
other points.....lb. .07¼- —
smaller lots, dlvd., Ala., etc. lb. .08 - —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Lithium, iodide, 5-lb. bots....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05½- —
smaller lots .....lb. .05¾- —
ordinary, bgs., c.l., (20 tons) lb. .03¾- —
smaller lots .....lb. .04 - —
bbls., c.l., (20 tons).....lb. .04 - —
smaller lots .....lb. .04¼- —
titanated, bgs., c.l. (20 tons) lb. .05½- —
smaller lots .....lb. .05½- —
bbls., c.l. (20 tons)....lb. .05½- —
smaller lots .....lb. .05¾- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .25 - .26
Lobelia, herb, bls.....lb. .12 - .13
Seed, bgs. .....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .56
import, bls. .....lb. .45 - .80
Lupulin, N. E., tins.....lb. 1.35 - 1.40
Lycopodium, cs.....lb. 2.50 - 2.60

M

Mace, Banda, cs.....lb. .60 - .65
Batavia, cs.....lb. .34 - .35
Siauw, cs.....lb. .48 - .49
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
1, bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del. and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House, Zone 2, balance of U. S.; prices f.o.b., Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesia chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .10 - .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bgs., duty paid...ton.60.00 -70.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots...lb. .59 - —
100-lb. lots .....lb. .65 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .50 - .90
blue, bls. .....lb. .40 - .85
Leaves, bls.....lb. .19 - .20
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .08¼- .08½
Dioxide, African, battery, 84-87%, bgs, 28-40 tons, works..ton.54.50 - —
5-15 tons, works.....ton.57.50 - —
¼-4 tons, works.....ton.62.50 - —
300-600 lbs., works..ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works...ton.51.50 - —
l.c.l., 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton.49.25 - —
l.c.l., 5 tons, works, ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.60 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.30 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.50 - —
Linoleate, liquid, 4% dms...lb. .18 - .12½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .29 Nom.
Resinate, fused, 8½%, bbls..lb. .08½- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSo_4$, bgs., c.l., dlvd., South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
40-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton. No prices
Manna flake, large, cs.....lb. .60 - .65
small, cs.....lb. .40 - .45
Mannitol, reagent, pure cryst., cs., works..lb. .95 - 1.00
commercial, cryst., bbls., ton lots, works...lb. .42 - —
smaller lots, works.....lb. .50 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .35 - .40
Tunisan, bls.....lb. .33 - .35
Chilean, bls.....lb. .19 - .20
Matico leaves, bls.....lb. .35 - .36
Menthol, USP, natural, cs....lb. 3.00 - 3.10
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Methyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .99 - —
25 lbs.....lb. 1.01 - —
50%, pails, 50 lbs.....lb. 1.44 - —
25 lbs.....lb. 1.46 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 2.17 - 2.19
fib., dms., 100 lbs.....lb. 2.04 - —
jars, 25 lbs.....lb. 2.06 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 4.06 - 4.10
cns., 25 lbs.....lb. 3.95 - 4.00
fib., dms., 100 lbs.....lb. 3.95 - 4.00
yellow, bots., 5 lbs.....lb. 4.16 - 4.20
cns., 25 lbs.....lb. 4.05 - —
fib., dms., 100 lbs.....lb. 4.05 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbls..lb. 1.86 - —
USP, fib. dms., 50 lbs. or more..lb. 2.38 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.45 - —
fib. dms., 25 lbs.....lb. 1.33 - 1.38
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
23K, 3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -29.00
3⅜x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.30 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade, tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums. car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gl. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .00 - —

Lead Peroxide—Mica

Methanol, synth., tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10¼- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09¼- —
W. of Miss R.....lb. .10¼- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07¼- —
W. of Miss R. .....lb. .08½- —
.anks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, dms., c.l..gal. .41 - —
l.c.l. .....gal. .44 - —
tanks .....gal. .35 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast .....gal. .42- —
4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt. alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4. .....gal. .005 - —
tanks, Zone 1, frt. alld., E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .33 - —
4, ...gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
Chloride, refrigeration, service men and consumers, 60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 150-lb. cylinders. Prices on the 30-lb. cylinders are uniformily 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.69 - 3.82
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .90 - —
Methylamyl ketone, dms., works, l.c.l..lb. .35 - —
smaller containers, same basis. lb. .38 - —
Methylcyclohexane, 98-100% dms., works, frt. alld., E. of Rockies..lb. .25 - —
Methylcyclohexanol, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —
Methylcyclohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —
Methylene blue, medci., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .28
Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 85-95% gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.60
imp. bots.....lb. 3.10 - —
Methylpropyl ketone, dms., c.l..lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .03 - —
500 lbs., works....lb. .03½- —
100 lbs., works....lb. .03 - —
roofing, bags., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —

Mica—Oil, White

Mica, paint, bgs., extra and returnable, c.l., works, ton 55.00 - —
l.c.l., 5,000 lbs., works, ton 65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton 35.00 - —
l.c.l., 5,000 lbs., works, ton 45.00 - —
1,000 lbs., works..lb. .02¼- —
500 lbs., works....lb. .06 - —
roofing, bgs., extra and returnable, c.l., works.ton 20.00 - —
l.c.l., 5,000 lbs., works, ton 30.00 - —
paint, bgs., extra and returnable, c.l., works..ton 60.00 - —
l.c.l., 5,000 lbs., works, ton 70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E.....lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex-whse., or frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E..lb. .04 - —
l.c.l., ex-whse., or frt. alld., E...lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .08½- —
unskimmed, roller, bbls.,c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l. .....lb. .16 - —
l.c.l. .....lb. .17 - —
Millet seed, yellow, bgs.....lb. .04 - .04½
early fortune, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06¼- .06¾
Mineral spirits (see Petroleum thinner and V M & P naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .05½- .06
f.o.b. New Orleans.....gal. .04½- .05
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .53 - .55
tanks .....lb. .50 - —
Monobutylamine, dms., c.l., works .....lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l., lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylanilin, dms. .....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 ozs. .....oz. 10.80 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs..oz. 10.75 - —
cns., 25 ozs. .....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Morphine, sulphate, bots., 5 ozs. oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .15
Mullein flowers, cns.....lb. 1.20 - 1.25
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs....oz. 19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.00 - —
5 lbs. to 75 lbs.....lb. 3.25 - —
1 lb. .....lb. 3.40 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. .90 - —
5 lbs. to 75 lbs.....lb. 1.00 - —
1 lb. .....lb. 1.15 - —
Musk root, bls.....lb. .35 - .36
Mustard seed, Bombay, brown, bgs..lb. No stocks
California, brown, bgs.....lb. .06½- .07
Chinese, yellow, bgs.....lb. .06½- .06¾
Danish, yellow, bgs.....lb. .20 - .21
Dutch, yellow, bgs.....lb. No stocks
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. No stocks
Myrobalans, J1, bgs., shpt...ton. 30.00 Nom.
J2, bgs., shpt.....ton. 21.00 Nom.
Extract, liquid, 25%, bbls....lb. No prices
solid, 50% bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works.. 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
Import, bgs., Atl. ports.100 lbs. No prices
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.....lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36¼
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls. .....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb., tins.....lb. .86¾- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .20 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb .22 - —
Nitrocellulose, ester-soluble, l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls.....lb. .26 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works....lb. .29 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.21 58- —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 1.90 - —
f.o.b. Chemical, Ill., unit-ton. 1.90 - —
East Coast producing points..unit-ton. 2.75 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.75 Nom.
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs....lb. .29 - .30
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .22 - .23
110s, bgs., cs.....lb. .20 - .21
West Indian, bgs.....lb. .12½- .13
Nux vomica, bls.....lb. .06½- .07
powd., bbls., bxs.....lb. .09 - .09½

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3 .....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots. .....lb. 1.90 - 2.00
s.p.a., bots. .....lb. 1.95 - 2.05
sweet, true, exp., cns....lb. .90 Nom.
Amber, crude, cns.....lb. .19 - .20
ref'd, cns. .....lb. .50 - .51
Amyris, cns. .....lb. 3.00 - 3.25
Angelica root, bots.....lb. 45.00 Nom.
seed, bots.....lb. 75.00 Nom.
Anilin (see A).
Anise, USP, cns., dms.....lb. .85 Nom.
Apricot, kernels, cns.....lb. .32 Nom.
Babassu, tanks.....lb. .07 Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.05 Nom.
55-60% phenols, cns.....lb. 1.20 Nom.
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 4.00 Nom.
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .20 Nom.
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns....lb. 1.45 Nom.
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .53 Nom.
USP IX, cns.....lb. .59 Nom.
Calamus, cns.....lb. 5.50 Nom.
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .28 Nom.
white, cns.....lb. .36 Nom.
dms. .....lb. .34 Nom.
Cananga, native, cns.....lb. 1.35 Nom.
rectified, cns.....lb. 1.80 Nom.
Capsicum (oleoresin) N. F. VI, cns..lb. 2.00 - 2.30
Caraway, USP, cns.....lb. 2.50 Nom.
Cardamom, bots.....lb. 15.00 Nom.
Cassia, USP, cns., dms.....lb. 1.05 Nom.
Castor, blown, one-way dms., c.l..lb. .10¾- —
l.c.l. .....lb. .11½- —
medicinal, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
cns. (1-gal.), l.c.l.....lb. .13 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
(5-gal.), l.c.l.....lb. .11 - —
tanks .....lb. .08½- —
No. 3, bbls., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
dms. (returnable), c.l.....lb. .09¼- —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08 - —
dehydrated, dms., c.l.....lb. .121 - —
l.c.l. .....lb. .126 - —
tanks .....lb. .115 - —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .06 Nom.
l.c.l. .....lb. .07 Nom.
75% (63% fat), dms., c.l..lb. .08¾ Nom.
l.c.l. .....lb. .09¾ Nom.
80% (68% fat), dms., c.l..lb. .09¼ Nom.
l.c.l. .....lb. .10¼ Nom.
Cedarleaf, cs.....lb. .62 Nom.
dms. .....lb. .57 Nom.
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms..... .lb. .17 - .21¼
Celery, bots.....lb. 6.50 - 6.75
Chaulmoogra, USP, cns., 500 lbs. lb. .72½- —
25 lbs. .....lb. .75 - —
Chinawood, dms.....lb. .27 Nom.
tanks .....lb. .23 - .26
Cinnamon, Ceylon, bots.....lb. 9.25 -25.00
Seychelle, bots.....lb. 7.25 Nom.
Citronella, Ceylon, cns.....lb. .38 Nom.
dms. .....lb. .36 Nom.
Java, cns., dms.....lb. .29 Nom.
Clove, makers, USP, cns....lb. 1.40 Nom.
dms. .....lb. 1.35 Nom.
Coconut, Manila, crude, tanks, lb. .04 Nom.
Pac. Cst. .....lb. .03¾ Nom.
Coconut, edible, 76°, tax incl., dms. (returnable), c.l....lb. .09¼- —
l.c.l. .....lb. .09¾- —
tanks .....lb. No prices
Cod, Newfoundland, shipt., uncanked..gal. No prices
Norwegian, shipt., bbls...gal. No prices
Codliver, med., USP, bbls..bbl. 40.00 -50.00
Coriander, bots.....lb. 12.75 Nom.
Corn, crude, tanks, wks.....lb. .06¾ Nom.
refd., bbls.....lb. .09½ Nom.
Cottonseed, dom., cooking, bbls., lb. .09½- —
salad, bbls.....lb. .10 - —
import, Brazilian, semi-refd., bulk..lb. No prices
Creosote (see C).
Croton, USP, cns.....lb. 1.35 Nom.
Cubeb, USP, cns.....lb. 3.50 Nom.
Crude (see Petroleum, crude).
Cumin, bots. .....lb. 6.75 Nom.
Cypress, dom., bots.....lb. 5.25 Nom.
Import, cns. .....lb. 12.00 Nom.
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk...bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 Nom.
weed, bots. .....lb. 3.60 Nom.
Dip (see L).
Erigeron, cns.....lb. 2.40 Nom.
Eucalyptus, cns. .....lb. .44 Nom.
dms. .....lb. .42 Nom.
Oil, fennel, sweet, cns.....lb. 1.05 Nom.
Fuel, bunker, California, tide-water..bbl. .80 - —
Gulf Coast.....bbl. .80 - .85
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday .....bbl. 1.05 - —
Tuesday .....bbl. 1.05 - —
Wednesday .....bbl. 1.05 - —
Thursday .....bbl. 1.05 - —
Friday .....bbl. 1.05 - —
Saturday .....bbl. 1.05 - —
North Texas, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.00 - 1.10
24-28, 15 and above.....bbl. .85 - .90
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04¾- —
2, bulk, same basis.....gal. .04¾- —
4, bulk, same basis.....gal. .04½- —
Louisiana - Arkansas, 32-36, light straw..gal. .03½- .03½
Oklahoma, 28-30.....gal. .03 - —
32-36 .....gal. .03½- .03½
36-38 .....gal. .03¾- .03¾
38-40, straw .....gal. .03¾- .03¾
38-40 zero, 60 c.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04 - —
Gulf Coast, bulk.....gal. .03½- —
North Texas, bulk.....gal. .02¾- —
Oklahoma, bulk.....gal. .03 - —
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 2.75 Nom.
Bourbon, cns.....lb. 2.75 Nom.
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.50 Nom.
Grapeseed, dms.....lb. .40 Nom.
Ginger, dist., bots.....lb. 4.25 Nom.
Guaiac wood, concrete, bots..lb. 2.10 Nom.
Haarlem, import, bots....gross. 5.50 - 5.75
Hemlock, cns. .....lb. .65 - .70
Juniper berry, USP, cns.....lb. 1.35 Nom.
Wood, tech., cns.....lb. .45 - —
Juniper tar, USP XI, 1,000 lbs., dms..lb. .40 Nom.
cns. .....lb. .42 Nom.
Lard, common, 1, bbls.....lb. .08¼- —
2, bbls.....lb. .08 - —
extra, bbls.....lb. .08¼- —
1, bbls.....lb. .08¾- —
Winter, strained, extra, bbls., lb. .08½- —
prime, burning, bbls.....lb. .09 - —
prime, ined., bbls.....lb. .09½- —
Laurel, bots.....lb. 4.50 Nom.
Lavandin, cns., 25 lbs.....lb. 1.50 Nom.
Lavender flower, French 50% ester, cns..lb. 4.50 Nom.
38-42% ester, cns.....lb. 3.25 Nom.
35-38% ester, cns.....lb. 2.75 Nom.
30-32% ester, cns.....lb. 2.25 Nom.
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 Nom.
dms. .....lb. .95 Nom.
Lemon, Calif., cns.....lb. 3.00 - —
Messina, coppers, cns.....lb. 3.40 Nom.
Terpeneless, Type 1.....lb. 10.75 -16.50
Type 2.....lb. 8.50 -14.50
Lemongrass, native, cns., dms., lb. .38 Nom.
Lime, dist., West Indian, cns., lb. 3.45 Nom.
expressed, cns.....lb. 7.25 Nom.
Terpeneless, Type 1.....lb. 42.00 -46.50
Type 2.....lb. 60.00 -78.00
Linaloe wood, cns.....lb. 1.50 Nom.
Linseed, raw, bbls., c.l.....lb. .1000- .1010
l.c.l., 10 to 69.....lb. .1020- .1030
5 to 9.....lb. .1060- —
less than 5.....lb. .1080- —
tanks .....lb. .0940- .0950
Boiled linseed oil prices are .004 cents higher than raw.
Lovage, bots.....lb. 41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.....gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .21½- —
15-25 pour, tanks.gal. .20½- —
150-160 D, color, 4½, 0-10 pour, tanks..gal. .23 - —
15-25 pour, tanks.gal. .22 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .21½- —
190-200 D, color 4¼, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks.....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600, 10-15 pour, tanks..gal. .20 - .23
25 pour, tanks..gal. .19 - .20
cylinder, 600 fire, tanks, gal. .12½- .14
600 flash, tanks.....gal. .14 - .15
630 flash, tanks.....gal. .16½- .17
635 fire, tanks.....gal .12½- .14
650 fire, tanks.....gal. .13½- .14
Warren, E, amber, tanks, gal. .14 - —
Penna, Warren, E, neutral, 150 vis., 3 color, tanks.gal. .19½- .20
180 vis., 3 color, tanks..gal. .20½- .21
200 vis., 2 colors, tanks..gal. .21 - .21½
spot, Penna., bright, bbls., c.l., f.a.s.....gal. .26 - —
unfiltered, 600 s. r....bbls., f.a.s..gal. .19½- —
600 flash, s. r., bbls., c.l. gal. .21½- —
630 flash, bbls, c.l., f.a.s., gal. .24½- —
Warren, E., bbls., c.l., f.a.s., smaller lots, f.o.b....gal. .25 - —
Mace, dist., cns., dms.....lb. 1.30 Nom.
Mandarin, superior, coppers..lb. 6.00 Nom.
Menhaden, crude, tanks, f.o.b. Balto..gal. .30 Nom.
refd., alkali, dms.....lb. .0750 Nom.
tanks .....lb. .0690 Nom.
refd., blown, dms.....lb. .0770 Nom.
kettle-bodied, dms.....lb. .0870 Nom.
light pressed, dms.....lb. .0690 Nom.
tanks .....lb. .0630 Nom.
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 2.00 Nom.
dist., natural, bots.....lb. 8.50 - 9.00
Oil, neatsfoot, 20° cold test, bbls., lb. .15½- —
extra, bbls.....lb. .08¾- —
1, bbls.....lb. .08½- —
pure, bbls.....lb. .12½- —
prime, bbls.....lb. .09 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroll, bots.....lb. 85.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.30 Nom.
Oiticica, dms.....lb. .20 Nom.
Oleo, 1, bbls.....lb. .10½- —
2, bbls.....lb. .10 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.25 Nom.
edible, bbls.....gal. No prices
foots, dms.....lb. .09 Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .11½ Nom.
l.c.l. .....lb. .12½ Nom.
75% (63% fat), dms., c.l..lb. .13½ Nom.
l.c.l. .....lb. .14½ Nom.
80% (68% fat), dms., c.l..lb. .14½ Nom.
l.c.l. .....lb. .15½ Nom.
Orange, sweet, dist., cs.....lb. .75 - —
Expressed, African, cns., dms. lb. 1.00 Nom.
Calif., cns.....lb. 1.40 - —
Messina, USP, coppers.lb. 2.75 Nom.
West Indies, cns.....lb. 2.25 Nom.
terpeneless .....lb. 68.00 -69.00
Origanum, cns. .....lb. .90 - 1.25
Orris, Florentine, concrete, extra strong bots..oz. 4.75 - 5.50
Palm, Niger, csks.....lb. No prices
shipment .....lb. No prices
softs, 12½%, bulk, shipt.....lb. No prices
20%, bulk, shipt.....lb. No prices
Sumatra, shipt., bulk.....lb. No prices
Palmarosa, cns.....lb. 1.90 Nom.
Palmkernel, bulk, shipt.....lb. No prices
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 Nom.
Peanut, crude, dom., tanks..lb. .06¾ Nom.
refd., edible, bbls.....lb. .09 Nom.
Pennyroyal, dom., cns.....lb. 2.15 Nom.
import, cns. .....lb. 2.20 Nom.
Peppermint, natural, cns., dms. lb. 2.20 - 2.45
redist., USP, cns., dms....lb. 2.45 - 2.70
Perilla, dms.....lb. .14¾- .15
tanks .....lb. .13½- .14
Petitgrain, Paraguay, cns...lb. .95 Nom.
Pimento berry, cns.....lb. 3.35 Nom.
leaf, cns. .....lb. 2.50 Nom.
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.15 Nom.
Putty, bbls., E. Segunco, Richmond, Cal..gal. .22¼- —
contracts .....gal. .19¼- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .15 - .15½
denat., bbls.....gal. .85 Nom.
Red, dist. or saponif, dms., dlvd..lb. .08¼- .09½
tanks, dlvd. .....lb. .08 - —
Rose, artif., bots.....oz. 2.00 Nom.
natural, coppers.....oz. No prices
Rosemary, Spanish, cns.....lb. .64 Nom.
dms. .....lb. .59 Nom.
Rosin, 1st rectfd., dms.....gal. .47 - —
2d rectfd., dms.....gal. .49 - —
3d rectfd., dms.....gal. .53 - —
Rue, bots.....lb. 3.00 Nom.
Sage, cns.....lb. 2.50 Nom.
Sandalwood, E. I., USP, cns..lb. 5.50 Nom.
Mysore, cns., case lots.....lb. No prices
Sardine, crude, tanks, Pac. Cst..gal. .33 Nom.
refd., alkali, dms.....lb. .0750 Nom.
tanks .....lb. .0690 Nom.
kettle bodied, dms.....lb. .0870 Nom.
light pressed, dms.....lb. .0690 Nom.
tanks .....lb. .0630 Nom.
Sassafras, artif., cns.....lb. .41 Nom.
dms. .....lb. .39 Nom.
natural, cns., dms.....lb. 1.05 Nom.
Savin, cns.....lb. 1.75 Nom.
Savory, cns.....lb. 2.00 Nom.
Sesame, refd., import, dms..lb. .10½ Nom.
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works .....gal. .21 - —
tanks, works .....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .07½ Nom.
tanks .....lb. .06½ Nom.
refd., dms.....lb. .08¾ Nom.
tanks .....lb. .07¾ Nom.
Spearmint, USP, cns.....lb. 1.80 - 1.85
Sperm, bleach, 38°, dms.....lb. .0980 Nom.
45°, dms.....lb. .0910 Nom.
natural, dms.....lb. .0860 Nom.
Spruce, cns., dms.....lb. .70 - .90
Sweet, birch, North, cns.....lb. 2.25 - 2.65
South. cns. .....lb. 1.45 - 1.50
Tall, crude, dms., c.l., works, ton. 35.00 - —
l.c.l., works.....ton. 40.00 -55.00
tanks, works .....ton. 25.00 - —
refined, dms., c.l., works...lb. .04 - —
l.c.l., works .....lb. .04½- —
tanks, works .....lb. .03½- —
Tallow, acidless, bbls.....lb. .08¼- —
tanks .....lb. .07¾- —
Tansy, cns. .....lb. 7.00 Nom.
Tar, pine, cm'l, dms., c.l.,dlvd., E. cities..gal. .26 - —
E. ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tar, pine, rectfd., USP, bbls., dlvd., E. ports..gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .11¼ Nom.
refined, dms. .....lb. .12¼ Nom.
Tea Tree (see Oil, Ti tree).
Thyme, NF, red, dms.....lb. 1.10 Nom.
white, dms. .....lb. 1.15 Nom.
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.40 Nom.
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Valerian, bots.....lb. 8.00 Nom.
Vetiver, bots.....lb. 3.50 -15.00
Walnut, crude, dms.....lb. .14 Nom.
refd., dms. .....lb. .15 Nom.
Whale, refd., natural, dms..lb. .0910- —
winter, bleach, dms.....lb. .0950- —
Wheat germ, phar., cns., dms. gal. 22.50 -30.00
feedstuff, cns., dms.....gal. 17.50 -25.00
White, mineral, dms., tech., 50-60 vis., dms.....gal. .40 - —
65-75 vis., dms.....gal. .42 - —
80-90 vis., dms.....gal. .43 - —
USP, 80-90 vis., dms....gal. .46 - —
95-105 vis., dms.....gal. .53 - —
125-135 vis., dms.....gal. .60½- —
140-150 vis., dms.....gal. .64 - —
175-185 vis., dms.....gal. .68½- —
200-210 vis., dms.....gal. .70½- —
320-330 vis., dms.....gal. .76 - —
335-345 vis., dms.....gal. .77 - —

Oil, white, mineral, Russian, 80-90 vis., dms.	gal.	.46 - .56
145-155 vis., dms.	gal.	.64½ - .74½
175-185 vis., dms.	gal.	.68½ - .78½
335-345 vis., dms.	gal.	.77 - .87
Wintergreen, natural, North, cns.	lb.	4.00 - 8.00
South, cns.	lb.	3.05 - 3.75
synth (see Methyl salicylate).		
Wood (see Oil, chinawood).		
Wormseed, cns.	lb.	2.60 Nom.
Wormwood, cns.	lb.	4.40 - 4.50
Ylang-ylang, Bourb., bots., cns.	lb.	2.50 - 3.00
Manila, bots.	lb.	18.00 -24.00
Olivine, aggregate, c.l., mines.	ton.	5.00 - 8.00
Lumps, same basis	ton.	7.00 - —
Spalls, same basis	ton.	5.00 - —
ground, 200 mesh, c.l., mines,	ton.	15.00 - —
20 mesh to dust	ton.	10.00 - —
Opium, USP, cns.	lb.	11.50 -12.50
gran., cns.	lb.	12.50 -13.50
powd., cns	lb.	12.50 -13.50
Orange, Lake, Persian, bbls.	lb.	.30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½- —
Colo., Mont., N.M., Wyo.	lb.	.11¼- —
Other points	lb.	.10¾- —
smaller lots, divd., Ala., etc.	lb.	.11½- —
Ariz., etc.	lb.	.12 - —
Colo., Mont., N. M., Wyo.	lb.	.11¾- —
Other points	lb.	.11¼- —
Orange, Mineral, French, Tours, casks, ex dock	lb.	.13½- —
kgs., ex dock	lb.	.14½- —
Molybdate, bbls.	lb.	.31 - —
Toner, bbls.	lb.	.80 - —
Orangeflower petals, cs.	lb.	.50 - .55
Orange peel, bitter, bls.	lb.	.10 - .24
sweet, bls.	lb.	.17 - .27
Orris root, Florentine, bgs.	lb.	.14 - .18
fingers, cs.	lb.	1.25 - 1.30
powd., bbls., bxs.	lb.	.16 - .20
Verona, bls.	lb.	.14 - .17
powd., bxs., cs.	lb.	.16 - .20
Orthoanisidin, bbls.	lb.	.70 - —
Orthochloroanilin, dms.	lb.	.60 - .75
Orthochlorophenol, dms.	lb.	.82 - —
Orthocresol, dms., c.l., works.	lb.	.16½- —
l.c.l., same basis	lb.	.17¼- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 - —
l.c.l., same basis	lb.	.07 - —
100-lb. tins, same basis.	lb.	.08 - —
50-lb. tins, same basis.	lb.	.09 - —
tanks, same basis	lb.	.06½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.		
Orthonitroanilin, dms.	lb.	.55 - —
Orthonitrochlorobenzene, dms.	lb.	.15 - .18
Orthonitroparachlorophenol, cns.	lb.	.75 - —
Orthonitrotoluene, dms.	lb.	.09 - —
Orthotoluidin, dms.	lb.	.19 - —
Osage orange extract, cryst., bbls.,	lb.	.19 - —
liquid, 42°, bbls.	lb.	.08 - —
51°, bbls.	lb.	.09 - —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 - —
bots., cns., 1-50 lbs.	lb.	3.65 - 4.00
Orthotoluene hydrochloride, dms.	lb.	.22 - —
Sulphonate, kgs.	lb.	2.00 - 2.05

P

Papain, powd., cs.	lb.	1.30 - 1.50
Paprika, Hungarian, extra fancy, bgs.	lb.	.40 - .42
medium, bgs.	lb.	.38 - .40
Portuguese, extra fancy, bgs.,	lb.	.35 Nom.
fancy, bgs.	lb.	.34 Nom.
Spanish, extra fancy, cs.	lb.	.42 - .43
Parachlorophenol, dms.	lb.	.45 - —
Paracymene, refd., dms.	gal.	.75 - 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11 - .13
l.c.l.	lb.	.12½- .16½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.0305- .0320
bbls., c.l., N. Y.	lb.	.0340- .0350
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.0305- .0320
bbls., c.l., N. Y.	lb.	.0340- .0355
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb.	.0340- .0350
fully refd., slabs, 128 12b A.m.p., bgs., c.l.	lb.	.04¼- —
loose, c.l.	lb.	.0450- —
125-127 A.m.p., bgs., c.l.	lb.	.0440- —
loose, c.l.	lb.	.0420- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.04 - —
131-133 A.m.p., bgs., or loose c.l.	lb.	.0485- —
133-135 A.m.p., bgs., or loose c.l.	lb.	.0515- —
135-137 A.m.p., bgs., or loose c.l.	lb.	.0540- —
138-140 A.m.p., bgs., or loose c.l.	lb.	.0615- —
143-145 A.m.p., bgs. or loose, c.l.	lb.	.07 - —
151-153 A.m.p. bgs. or loose, c.l.	lb.	.09 - —
Refined paraffin prices in cases are 1½c. lb. higher than bags price; sold in tankcars is .05c. lower.		
match, A.m.p. up to and incl. 110-112 bbls., c.l.	lb.	.02½- .03½
semirfd., solid., 122-124 A.m.p., bgs.	lb	.02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	lb.	.84 - —
100 to 900 lbs. shipments, same basis.	lb.	.85 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., c.l., works.	lb.	.10 - —
l.c.l., works	lb.	.11¼- —
5 and 10 gal. dms., works.	lb.	.15 - —
USP, cs., cbys.	lb.	.37 - .45
Paranitroanilin, kgs., works.	lb.	.47 - —
Paranitrochlorobenzene, kgs.	lb.	.15 - —
Paranitrophenol, kgs.	lb.	.35 - —
Paranitrotoluene, kgs.	lb.	.30 - —
Paraphenylenediamine, bbls.	lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	lb.	.70 - —
Paratoluidin, bbls.	lb.	.48 - —
Pareira brava root, bls.	lb.	.20 - .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld.,	lb.	.23 - .25
less car lot, same basis.	lb.	.24 - .26
Passion flower, herb, bls.	lb.	.06¼- .07
Patchouli leaves, bls.	lb.	.23 - .24
Pellitory root, bls.	lb.	.20 - .30
Pennyroyal leaves, bls.	lb.	.15 - .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½- —
l.c.l., G.3	gal.	.16 - —
tanks, G.3	gal.	.08½- —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —

Pepper, black, Alleppey, bgs.	lb.	.08½- .09
Lampong, bgs.	lb.	.04½- .05
Tellicherry, bgs.	lb.	.08½- .09
Red, chillies, Japan, Hontaka,	lb.	.22 - .23
Mombassa, bgs.	lb.	.30 - .31
White, Java, Muntok, bgs.	lb.	.08½- .09
Saigon, bgs.	lb.	.08 - .08½
Peppermint leaves, dom., bls.	lb.	.32 - .35
import, bls.	lb.	.70 - .75
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 - —
l.c.l., same basis	lb.	.08½- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08¼- —
l.c.l., same basis	lb.	.09 - —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —
Zone 4, dms., c.l., f.ob., stock points.	lb.	.09 - —
l.c.l., same basis	lb.	.09½- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

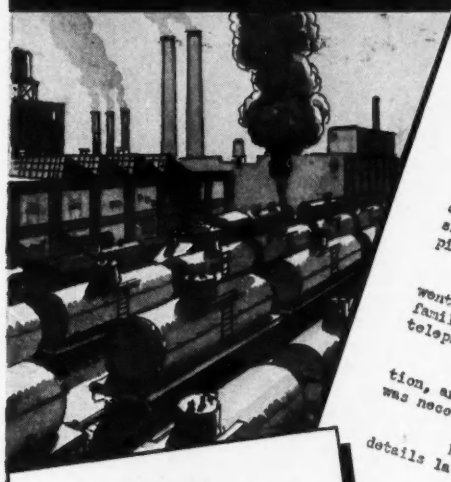
Peru, balsam, dms.	lb.	.80 - .85
Petrolatum, amber, dms., c.l.	lb.	.02¾- —
l.c.l.	lb.	.03⅞- —
amber, extra, dms.	lb.	.03 - —
l.c.l.	lb.	.04⅛- —
veterinary, dms., c.l.	lb.	.02⅝- —
Petrolatum, white, cream, dms., c.l.	lb.	.04½- —
l.c.l.	lb.	.06 - —
lily, dms., c.l.	lb.	.05½- —
l.c.l.	lb.	.07 - —
snow, dms., c.l.	lb.	.06½- —
l.c.l.	lb.	.08 - —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .89
Athens	bbl.	.84 - 1.09
Belridge	bbl.	.70 - 1.33
Buena Vista Hills	bbl.	.70 - 1.38
Canal-Greely	bbl.	.91 - 1.49
Coalinga	bbl.	.70 - .99
Coyote Hills (West)	bbl.	.78 - 1.33
Domingues	bbl.	.70 - 1.09
East Coyote	bbl.	.76 - .94
Elk Hills	bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.43
El Segundo	bbl.	.80 - 1.21
Huntington Beach	bbl.	.78 - 1.29
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.33
Lost Hills	bbl.	.70 - 1.18
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.70 - 1.33
Montebello	bbl.	.77 - 1.75
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .93
Olinda Brea	bbl.	.76 - 1.37
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.94 - 1.06
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.43
Santa Maria	bbl.	.63 - .70

Oil, White—Petroleum

Petroleum, crude, bulk, at wells, California, Santa Paula,	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.31
Torrence	bbl.	.80 - 1.06
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .96
Wilmington	bbl.	.75 - 1.31
Canada:—		
Oil Springs	bbl.	1.97 - —
Petrolia	bbl.	1.90 - —
Central West:—		
Illinois	bbl.	.53 - 1.05
Lima	bbl.	.90 - —
Western Michigan	bbl.	.88 - —
Princeton	bbl.	1.05 - —
East Texas	bbl.	1.10 - —
Gulf Coast:—		
Barber's Hill	bbl.	.79 - 1.16
Batson	bbl.	.74 - 1.04
Dayton	bbl.	.95 - 1.41
Esperson	bbl.	.79 - 1.16
Goose Creek	bbl.	.79 - 1.28
Hull	bbl.	.74 - 1.04
Humble	bbl.	.74 - 1.04
Liberty	bbl.	.79 - 1.16
Markham	bbl.	.90 - 1.30
Orange	bbl.	.79 - 1.16
Pettus	bbl.	1.29 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.79 - 1.28
Saratoga	bbl.	.74 - 1.04
Sour Lake	bbl.	.74 - 1.04
Spindle Top	bbl.	.74 - 1.04
Sugarland	bbl.	.79 - 1.28
West Columbia	bbl.	.79 - 1.28
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.02 - 1.12
Kentucky river	bbl.	1.10 - 1.20
Western Kentucky (Owensboro)	bbl.	1.16 - —

Skelly Service Saves Another Costly Shutdown!

(A Letter from a Skellysolve Technical Field Man to his Chief)



Dr. A. Ernest MacGee, Manager
Solvents Division
Skelly Oil Company
Chicago, Illinois

Dear Doc:

Got your wire yesterday and left immediately for [redacted] arriving early this morning. Here's what I found.

This plant, as you know, has been using one of our special hydrocarbon fractions for several years, in a process that requires a highly skilled operator. Last week their regular operator was rushed to the hospital, and they had to use a substitute.

The new man proved capable enough until yesterday when something went wrong in a vital phase of their operation. The substitute wasn't familiar with the problem, they needed help quickly, and that's when they telephoned you in Chicago.

I found it a fairly simple matter to make the necessary correction, and by noon the plant was operating smoothly as ever. No shutdown was necessary.

Knew you'd be interested in hearing how this turned out. More details later. Leaving for Detroit at 2:30.

Sincerely,

Bob

How SKELLYSOLVE is Serving the OIL, PAINT and DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for every industrial use. We furnish a complete line of V. M. & P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons with properties to fit every plant or laboratory process. Our technical staff has aided many manufacturers by helping them develop formulas for new or improved products which have proved of value.

EVERY user of special industrial naphthas recognizes certain qualities as being highly important in the product supplied him. Purity, uniformity, dependability—these are more than desirable, they are essential. But sooner or later in the experience of every user comes a time when prime importance attaches to another factor —*ability of the supplier to render special service in emergencies!* And that is where Skelly shines! Months, even years, may go by without your having need to avail yourself of this service. But when that occasion does arise, the quick and effective action Skelly is famous for may mean a great deal to you. The emergency may call for rushing you a tank truck of solvent from our Chicago bulk plant to cover a sudden shortage. It may entail double-rushing shipment by re-routing a tank car in transit, or sending you a specially trained man to correct a stubborn problem in your plant. Whatever the circumstances, you can depend on our snapping into action with all the resources at our command, to give you help when needed most! That's one more reason so many firms have found that sooner or later Skelly saves them money!

SKELLY

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, *Manager*
WIRE OR WRITE TODAY FOR INFORMATION OR PRICES!

V 136 N 12 SEP 1939 XUM

Petroleum—Red, Eosin

Petroleum, crude, bulk, at well, Louisiana, Arkansas:—
Bull Bayou ..... bbl. .73 - 1.08
Caddo ..... bbl. .98 - 1.00
Cameron Meadows ..... bbl. .74 - 1.18
Choctaw ..... bbl. .74 - 1.20
Cotton Valley ..... bbl. .73 - 1.05
Darrow ..... bbl. .74 - 1.20
De Sota ..... bbl. .73 - 1.05
El Dorado ..... bbl. .73 - 1.08
Haynesville ..... bbl. .73 - 1.05
Homer ..... bbl. .73 - 1.05
Iowa ..... bbl. .74 - 1.13
Lockport ..... bbl. .74 - 1.13
Magnolia ..... bbl. .73 - 1.05
Miller County ..... bbl. .73 - 1.05
Pine Island ..... bbl. .73 - 1.08
Rainbow ..... bbl. .73 - 1.08
Rodessa ..... bbl. .73 - 1.05
Smackover ..... bbl. .73 - —
Tepetate ..... bbl. 1.08 - —
Urania ..... bbl. .89 - —
Mexico, f.o.b. terminals Mexican port — based on contract:—
Panuco ..... bbl. No prices
Tuxpan ..... bbl. No prices
Midcontinent:—
North Texas ..... bbl. .51 - 1.10
Oklahoma-Kansas ..... bbl. .58 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ..... bbl. 2.00 - —
Corning ..... bbl. 1.92 - —
Pennsylvania grade, in Buckeye lines.. bbl. 1.55 - —
Eureka lines ..... bbl. 1.59 - —
N. Y. Transit lines, bbls. 2.00 - —
S. W. Penn. lines.. bbl. 1.65 - —
lower district in National Transit lines.. bbl. 1.88 - 1.93
Rocky Mountain:—
Big Muddy ..... bbl. .98 - —
Canon City-Florence ..... bbl. .90 - —
Cat Creek ..... bbl. 1.10 - —
Rocky Mountain:—
Dutton Creek ..... bbl. .86 - 1.10
Elk Basin ..... bbl. .90 - —
Fort Collins-Wellington, bbl. .81 - 1.08
Frannie, light ..... bbl. .45 - .53
Grass Creek, light ..... bbl. .90 - —
Ilex ..... bbl. .92 - .98
Lance Creek ..... bbl. .77 - —
Lander ..... bbl. .51¼ - —
Midway ..... bbl. .86 - 1.10
Rock Creek ..... bbl. 1.00 - —
Salt Creek ..... bbl. .86 - 1.10
Sunburst ..... bbl. 1.20 - —
Torchlight ..... bbl. 1.80 - —
South Central and Southwestern Texas:—
Case County ..... bbl. .73 - 1.08
Cleveland-Liberty ..... bbl. 1.14 - —
Conroe ..... bbl. 1.27 - —
Darst Creek ..... bbl. .96 - —
Hardin-Liberty ..... bbl. 1.00 - 1.03
Luling ..... bbl. .87 - —
Lytton Springs ..... bbl. .99 - —
Mirando, (incl. Duval), bbl. .74 - 1.33
Panola County ..... bbl. .73 - 1.08
Salt Flat ..... bbl. .96 - —
Tomball ..... bbl. .95 - 1.41
Van ..... bbl. .98 - —
West Beaumont ..... bbl. .70 - 1.28
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .67 - 1.01
Gray County ..... bbl. .73 - 1.08
West Texas:—
Artesia, N. M. ..... bbl. .61 - .88
Crane ..... bbl. .53 - .95
Crockett ..... bbl. .53 - .95
Ector ..... bbl. .53 - .95
Eddy (N. M.) ..... bbl. .77 - —
Howard ..... bbl. .53 - .95
West Texas, Jackson, N.M. bbl. .61 - .85
Jackson, N. M. ..... bbl. .61 - .85
Lea, N. M. ..... bbl. .53 - .95
Maljamar, N. M. ..... bbl. .61 - .85
Mitchell ..... bbl. .63 - .95
Pecos ..... bbl. .65 - .87
Upton ..... bbl. .53 - .95
Winkler ..... bbl. .53 - .95
Ether, 30-60° dms., c.l., G.S. gal. .14 - —
c.l., G.S. ..... gal. .25 - —
tanks, G.S. ..... gal. .13 - —
30-60°, dms., l.c.l., G.S. .... gal. .30 - —
40-75°, dms., c.l., G.S. .... gal. .14 - —
l.c.l., G.S. ..... gal. .25 - —
tanks, G.S. ..... gal. .13 - —
laboratory grade, dms., c.l., G.S. .. gal. .14 - —
c.l., G.S. ..... gal. .25 - —
10-gal. lots, G.S. ..... gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles.. gal. .11 - —
San Francisco.. gal. .11½ - —
f.o.b. Richmond .... gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash.. gal. .12 - —
East Coast, tanks ..... gal. .09 - —
Group 3, tanks ..... gal. .07¾ - .07½
Naphtha, cleaners', at refinery:—
East Coast, tanks ..... gal. .10 - —
Group 3, tanks ..... gal. .08½ - .08½
tankwagon, Boston, ex tax. gal. .13 - —
Bridgeport ..... gal. .13½ - —
Chicago, inc. 4c. tax.. gal. .17½ - —
Decatur, inc. 4c. tax.. gal. .186 - —
Des Moines, inc. 4c. tax. gal. .184 - —
Evansville, inc. ex tax. gal. .14½ - .15½
Milwaukee, inc. 5c. tax, gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .20 - —
Newark, ex tax ..... gal. .10 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Oklahoma City, ex tax. gal. .16 - —
Philadelphia, ex tax... gal. .11½ - —
St. Louis, inc. 1c. tax. gal. .15 - —
Syracuse, 160 gals. ..... gal. .14 - —
smaller lots, galv. drums, gal. .10 - —
milk cans.. gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway ..... gal. .15 - —
2, over 90% arom., same basis.. gal. .16 - —
3, tanks, f.o.b. Paulsboro, N.J.. gal. .13 - —
30, same basis ..... gal. .14½ - —
40, same basis ..... gal. .14½ - —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo.. gal. .11 - —
Richmond.. gal. .11½ - —
Willbridge, Ore., Pt. Wells, Wash.. gal. .13 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd., Los Angeles. gal. .10 - —
San Francisco.... gal. .10½ - —
Portland, Seattle..... gal. .11 - —
East Coast, tanks.... gal. .09 - —
Group 3, tanks ..... gal. .06¾ - .06½

Petroleum, tankwagon, Boston, ex tax.. gal. .13 - .14
Chicago, inc. 4c. tax.. gal. .16½ - —
Des Moines, inc. 4c. tax. gal. .184 - —
Decatur, inc., 4c. tax.. gal. .186 - —
Evansville, Ind., ex tax. gal. .147 - .157
Milwaukee, inc. 5c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .20 - —
Newark, ex tax ..... gal. .11 - —
New York, ex tax ..... gal. .10 - —
Omaha, ex tax ..... gal. .144 - .154
Philadelphia, ex tax... gal. .12¾ - —
St. Louis, inc. 1c. tax. gal. .16.3 - —
solvent, rubber, at refinery, East Coast, tanks.. gal. .09 - —
Group 3 light, 120 i.b.p., 250 e.p., tanks.. gal. .06¾ - .06½
standard, 180 i.b.p., 295 e.p., tanks.. gal. .06¾ - .06½
Stoddard (CS 3-38), at refinery:—
East Coast, tanks ..... gal. .06½ - —
Group 3, tanks ..... gal. .05¾ - .06
tankwagon, Boston, ex tax.. gal. .12½ - .13½
Chicago, inc. 4c. tax.. gal. .159 - —
Stoddard, Decatur, inc. 4c. tax.. gal. .181 - —
Des Moines, inc. 4c. tax. gal. .179 - —
Evansville, Ind., ex tax. gal. .135 - .145
Milwaukee, inc. 5c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 5c. tax.. gal. .177 - —
Newark, ex tax ..... gal. .09 - —
New Orleans, ex tax... gal. .11 - —
New York, ex tax ..... gal. .09 - —
Omaha ..... gal. .131 - .14
Philadelphia, ex tax... gal. .10¼ - .13½
St. Louis, inc. 1c. tax.. gal. .129 - —
Tulsa, ex tax ..... gal. .10 - .11
thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low aniline, 6,000 gal. tanks or transport trucks, f.o.b. Los Angeles. gal. .15 - —
Portland, Ore..... gal. .16 - —
Richmond ..... gal. .14½ - —
Seattle, Wash.... gal. .16¼ - —
tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.. gal. .10½ - —
Richmond ..... gal. .10 - —
Southern Calif.... gal. .09½ - —
86, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore.... gal. .13 - —
Richmond ..... gal. .11½ - —
Seattle, Wash.... gal. .12 - —
East Coast, 43-47, tanks. gal. .08¼ - —
47-49, tanks ..... gal. .09½ - .10
New Jersey, tanks..... gal. .08¼ - —
Group 3, tanks..... gal. .05¾ - .06½
tankwagon, tax included:—
Albany ..... gal. .13 - —
Baltimore (100 gals.).. gal. .12½ - .13½
25-99 gals..... gal. .13½ - .15½
Boston ..... gal. .13 - —
Bound Brook, North Amboy, N. J.. gal. .11½ - .13½
Bridgeport, Conn..... gal. .11 - —
Buffalo ..... gal. .15 - —
Camden, N. J..... gal. .10 - .13
Chicago ..... gal. .162 - —
Decatur, Ill..... gal. .176 - —
Des Moines..... gal. .174 - —
Evansville, Ind..... gal. .137 - .147
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul... gal. .19 - —
Newark ..... gal. .09 - —
New York (200 gals.).. gal. .09 - —
Omaha ..... gal. .131 - .141
Philadelphia ..... gal. .10 - .13
Pittsburgh ..... gal. .11¼ - .13½
Providence ..... gal. .11½ - —
Rochester ..... gal. .12 - —
St. Louis..... gal. .142 - —
Syracuse ..... gal. .12½ - —
Trenton ..... gal. .10 - —
Wilmington, Del..... gal. .10 - .13
Phenobarbital, 5-lb. bots..... lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract.. lb. 3.60 - —
25-lb. cns. ..... lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald.. lb. .13 - —
l.c.l., same basis..... lb. .13¾ - —
under 1,000 lbs..... lb. .14¾ - —
tanks, works..... lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots.. lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .88
yellow, fib., dms., 2,000-lb. lots.. lb. .80 - —
100-lb. fib., dms..... lb. .82 - —
25-lb. dms. ..... lb. .87 - —
50-lb. kgs. ..... lb. .84 - —
Phenyl chloride, dms..... lb. .17 - —
Phenylacetaldehyde, bots..... lb. 2.10 - 2.50
Dimethylacetate, cns..... lb. 14.50 - 15.00
Phenyl ethyl acetate, cns..... lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 - 15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works.. lb. 4.00 - —
commercial, kgs., works.. lb. 1.50 - —
pure, bbls., works..... lb. 2.25 - —
Phloroglucinol, CP, tins, works. lb. 20.00 - 22.00
tech., tins, works..... lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.. long ton. 4.35 - —
land pebble, 68% min., bulk, mines.. long ton. 1.90 - —
land pebble, 70% min., bulk, mines.. long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines.. long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines.. long ton. 5.50 - —
Phosphorus, red, cs..... lb. .40 - .44
yellow, dms..... lb. .18 - .20
cases ..... lb. .23 - .26
Oxychloride, cyls..... lb. .16 - .18
Pentoxide, dms., c.l., works, lb. .11 - .13
l.c.l., dms., wks..... lb. .13 - .14
Sesquisulphide, cs..... lb. .38 - .42
Trichloride, cyls..... lb. .15 - .16
Phthalamide, bbls., works, tons. lb. .35 - —
single bbls., works..... lb. .40 - —
kgs., works..... lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.. lb. .14½ - —
l.c.l. same basis..... lb. .15½ - —
Pichi leaves, bgs..... lb. .20 - .28
Pilocarpine hydrochloride, bots., vis.. oz. 2.25 - 2.35
Nitrate, bots., vis..... oz. 1.75 - 2.00
Pimento, bgs. ..... lb. .14 - .14¼
Pinkroot, bls..... lb. .36 - .37
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works.. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron.. ton. 23.75 - 24.00
Linseed, dms..... lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. ..... bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, Southern, bls... lb. .12 - .13
Podophyllin, dms., dlvd., E. of Miss.. lb. 4.50 - 4.70

Poke root, bls. ..... lb. .07 - .07½
Pomegranate bark, bgs..... lb. .53 - .54
Root bark, bgs..... lb. .49 - .50
Poppy flowers, red, bls..... lb. 1.15 - 1.20
Seed, Dutch, bgs..... lb. .25 - .26
Polish, bgs..... lb. .25 - .26
Potash abietate..... lb. .08 - —
Acetate, tech., bbls., dlvd... lb. .26 - —
kgs., dlvd..... lb. .28 - —
USP, bbls., 250 lbs..... lb. .28 - —
kgs., 100 lbs..... lb. .30 - —
cns., 25 lbs..... lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs.. lb. .11 - —
demj., 50 lbs..... lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs.. lb. .15 - —
kgs., 100 lbs..... lb. .17 - —
gran., bbls., 250 lbs..... lb. .15 - —
kgs., 100 lbs..... lb. .17 - —
Bichromate, spot, c.l., works. lb. .08½ - —
6 casks or 10 bbls., or over, works.. lb. .09 - —
5 casks or 9 bbls., or less, works.. lb. .09¼ - —
Bromide, USP, gran., bbls., 500 lbs.. lb. .31 - —
fib., dms., 100 lbs..... lb. .32 - —
Carbonate, calc., dms., c.l., works.. lb. .06½ - —
l.c.l., same basis..... lb. .06¾ - —
hydrated, 83-85%, bbls., c.l., works.. lb. .05½ - —
l.c.l., same basis..... lb. .05¾ - —
liquid, dms., c.l., dlvd..... lb. .03 - —
l.c.l., dms..... lb. .03½ - —
tanks, dlvd..... lb. .02871¼ - —
USP, gran., bbls., 325 lbs.. lb. .13½ - —
powd., bbls., 325 lbs..... lb. .19 - —
kgs., 100 lbs..... lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works.. lb. .07 - —
l.c.l. ..... lb. .07¼ - .07½
import, dms..... lb. No prices
liquid, 45% basis, dms..... lb. .03½ - .03¾
tanks ..... lb. .02½ - —
solid, 88-92%, dom., dms., c.l., works.. lb. .06¼ - —
l.c.l. ..... lb. .06½ - .06¾
import, dms..... lb. No prices
Chlorate, cryst., kgs..... lb. .09½ Nom.
gran., kgs. ..... lb. .12 Nom.
powd., kgs. ..... lb. .08½ Nom.
Chloride, tech., 98%, cryst., bgs., kgs.. lb. .04 - .06
Chromate, kgs..... lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs.. lb. .33½ - —
kgs., 100 lbs..... lb. .34½ - —
cns., 50 lbs..... lb. .35½ - —
cns., 25 lbs..... lb. .37½ - —
Cyanide, cns., dms..... lb. No prices
Cyanide, gold, 41% gold, bots., works.. oz. 14.20 - 15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots.. lb. 1.00 - —
100-lb. lots ..... lb. 1.10 - —
50-lb. lots, cbys. or cns. lb. 1.15 - —
25-lb. lots, cns..... lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots.. lb. 1.60 - 1.65
cns., 25 lbs..... lb. 1.75 - —
Hydroxide, USP, sticks, cns.. 100 lbs. .30½ - .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs..... lb. .75 - —
Iodate, bots., 5 lbs..... lb. 3.31 - 3.35
cns., 25 lbs..... lb. 3.20 - —
Iodide, bbls., 250 lbs..... lb. 1.13 - —
bots. or cns..... lb. 1.22 - 1.48
dms. ..... lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f. ports.. ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports..... unit-ton. .58½ - —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½ - —
Metabisulphite, kgs..... lb. .11 Nom.
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53¼ - —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .53¼ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs.... lb. .30 - .31
tech., bbls. ..... lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works..... lb. .09 - .10½
Permanganate, tech., dms.... lb. .18½ - .19
Prussiate, red, bbls..... lb. No prices
Yellow, bbls. ..... lb. .15 - .16
Ricinoleate, tech., bbls..... lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs.. lb. .13 - —
kgs., 100 lbs..... lb. .15 - —
powd., bbls., 350 lbs..... lb. .14 - —
kgs., 100 lbs..... lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports.. ton. 36.25 - —
l.c.l. ..... lb. .13½ - —
Xanthate, dms., c.l. ..... lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships. ton. 24.75 - —
Potash-titanium oxalate, kgs.. lb. .35 - .40
Prickly ash bark, bls..... lb. .19 - .20
Berries, bgs..... lb. .45 - .46
Prince's pine herb, bls..... lb. .15 - .16
Propane, tanks, Group 3.... gal. .03¾ - .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls..... lb. No prices
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.. lb. .03½ - —
less than 3, works.... lb. .04½ - —
Pumice stone, Italian, Amer.grd. F and 1, bbls., 3 or over, works.. lb. .04 - —
less than 3, works.... lb. .04½ - —
0, 0-½, 0-¾, and ½ bbls., less than 3, works.... lb. .04¼ - —
3 or over, works..... lb. .04½ - —
Ital.-grd., bgs., c.l., shipt. ex dock, N. Y... ton. 39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton. 44.00 Nom.
1,000-10,000 lbs., ex whse.. ton. 46.00 Nom.
2 bgs., to 1,000 lbs., ex whse, ton. 48.00 Nom.
single bgs., ex whse. ton. 60.00 Nom.
Pumpkin seed, bgs..... lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms..... 100 lbs. 6.00 - —
linseed oil, raw, dms.... 100 lbs. 4.50 - —
refined, dms. ..... 100 lbs. 5.00 - —
standard, dms. ..... 100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless.. gal. 7.15 - 7.50
basis (30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless.. gal. 10.65 - 11.00

Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 18 tons or over.. lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld.. lb. .35 - .37
Pyridin, denaturing, dms.... gal. 1.63 - —
refd., 2°, dms..... lb. .80 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports.. unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins.. lb. 2.15 - 2.40
resublimed, fib. dms., tins.. lb. 4.60 - —
Pyrophyllite, standard, 200 mesh., c.l. mines.. ton. 9.00 - —
325 mesh, same basis.... ton. 12.00 - —
No. 3, 200 mesh c.l. mines. ton. 7.50 - —
325 mesh, same basis.... ton. 10.50 - —
Pyroxylin, scrap, amber, cs., works.. lb. .12 - —
black, cs., works..... lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works.. lb. .10 - —
gray, cs., works..... lb. .08 - —
mixed, mottles, opaque, cs., works.. lb. .04 - —
shell-demi, cs.. works..... lb. .13 - —
translucent pastels, cs., works.. lb. .10 - —
scrap, china, shell-demi, transparent, cs., works.. lb. .20 - —
colors, cs., works..... lb. .12 - —
shavings, amber, cs., works.. lb. .16 - —
colors, mixed, cs., works. lb. .10 - —
white, cs., works..... lb. .15 - —

Q

Quassia chips, bls..... lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works.. lb. No prices
tanks, works..... lb. No prices
solid, 63%, bgs., c.l., ex dock, plus duty.. lb. No prices
clarified, 64%, bgs., c.l., same basis.. lb. No prices
Queen of the meadow leaves, bgs.. lb. .07 - .08
Root, bgs..... lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls.. lb. .07½ - .08½
solid, dms..... lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N.Y.. flasks. 150.00 - 155.00
European, flasks, (76 lbs. net) in bond.. flasks. 78.00 Nom.
Quince seed, bgs..... lb. .60 - 1.10
Quinidine, cryst., small, cns.. oz. .90 - —
large, cns..... oz. .98 - —
powd., precip., cns..... oz. .91 - —
Sulphate, cns..... oz. .67 - —
Quinine, 100 ozs., cns..... oz. .76 - —
Acetate, cns..... oz. .99 - —
Arsenate, cns..... oz. .92 - —
Arsenite, cns..... oz. 1.01 - —
Bisulphate, cns..... oz. .54 - —
Citrate, cns..... oz. .72 - —
Dihydrobromide, bots..... oz. .75 - —
Dihydrochloride, bots..... oz. .75 - —
Ethylcarbonate, cns..... oz. .75 - —
Ferrocyanide, cns..... oz. 1.01 - —
Formate, cns..... oz. .94 - —
Glycerophosphate, cns..... oz. 1.14 - —
Hydrochloride, cns..... oz. .68 - —
Hydrochlorosulphate, cns.... oz. .75 - —
Hydriodide, cns..... oz. .99 - —
Hypophosphite, cns..... oz. .99 - —
Phosphate, cns..... oz. .82 - —
Salicylate, cns..... oz. .73 - —
Sulphate, USP, X, cns..... oz. .54 - —
USP, XI, cns..... oz. .61 - —
Sulphocarbolate, cns..... oz. .97 - —
Tannate, cns..... oz. .37 - —
Tartrate, cns..... oz. .97 - —
Valerate, cns..... oz. .93 - —
Quinine-urea hydrochloride, cns. oz. .75 - —

R

R, salt, dry, bbls..... lb. .55 - —
paste, dms. ..... lb. .52 - —
Rapeseed, Belgian, bgs..... lb. .07½ - .08
Dutch, black, bgs..... lb. .08 - .08½
red, bgs. ..... lb. .08 - .08½
Japanese, bgs..... lb. .06¾ - .07
Raspberries, dried, bls..... lb. .60 - .65
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.. lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia., (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Cadmium, lithopone, deep shade, bbls., ton lots, works frt. alld.. lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis.. lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis.. lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
Maroon shades, bbls., ton lots, same basis.. lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis.. lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
medium shade, kgs., smaller lots, same basis.. lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works..... lb. 2.25 - —
Orange, bbls., 100-lb. lots, works.. lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.50 - —
dms., 500-lb. lots..... lb. 4.35 - —
100-lb. lots ..... lb. 4.45 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls..... lb. 1.50 - 1.60

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USI ALCOHOL NEWS USI

September ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1939

Denatured Alcohol Production Up 20% In First Six Months

WASHINGTON, D. C.—Denatured alcohol production during the first six months of 1939 totalled 45,273,000 wine gallons—a gain of 20.7 percent over the comparable 1938 period, according to figures released here.

Denatured alcohol, because of the tremendous diversification of its important uses, is generally accepted as a common denominator for production activity throughout the chemical consuming industries. And the gain in the first half of 1939 closely parallels the increases in activity throughout the major chemical and solvent consuming industries, reported for the same period.

Trend Expected to Continue

That this rate of increase will continue for the full twelve months of 1939 is not unlikely, according to one market expert. It is pointed out that although business in the latter part of 1938 was considerably better than earlier in that year, every indicator for the next six months points to a continuation of the uptrend, with still further increases in prospect.

New Yeast Boosts Vitamin Content of White Bread

BOSTON, Mass.—A new yeast containing enough thiamin to produce a loaf of white bread with the vitamin B_1 content of a loaf of wholewheat, yet without any loss of palatability, was announced at the Food Conference at M.I.T. here recently.

Vitamin B_1, thiamin, is an important factor in nutrition, but is not stored in the body to any extent and thus must be obtained in basic foods. Cereal products are suitable for this purpose. However, white breads, the mainstay of our cereal diet, have been increasingly deprived of their natural vitamin content, sometimes as much as ninety-three percent.

With the new yeast, however, the problem may be readily solved and the thiamin content of white bread raised to equal that of wholewheat which is more than five times that of an ordinary white loaf.

Research on irradiating yeast to convert its natural ergosterol to vitamin D and to include milk solids to supplement cereal protein and minerals in the "staff of life," were also reported.

CO_2 "Gas Attack" Conditions Berries for Market

MILWAUKEE, Wisc.—Freshly picked strawberries and raspberries will remain in good condition two days or more longer than usual if treated with a 35-40 per cent concentration of carbon dioxide for from 4 to 7 hours, it was reported here recently. Thus practical advantage may be taken of the "respiration" of plants getting the berries to market and keeping them there longer in fresh condition.

Another use reported for CO_2 in conditioning foodstuffs is in improving the palatability of soybean. A recent U. S. patent covers a process for removing flavoring and odoriferous substances by treating the soybean with carbon dioxide or similar gas under pressure and at reduced temperatures.

Urges Glass Stoppers For Tincture of Iodine

HARRISBURG, Pa.—Packaged iodine, by the time it reaches the consumer, may often be substandard when rubber caps on stoppers are used, says the State Pharmacy Laboratory here. In investigations throughout the state, the Laboratory reports 18½ percent of Tincture of Iodine samples purchased in drugstores were substandard while 52 percent of samples purchased in non-pharmacies did not measure up to specifications.

One solution suggested is the use of glass stoppered bottles, as certain samples were too strong due to evaporation of the solvent, and others, where rubber stoppers were used, had a black or brownish residue on evaporation.

Synthetic Vitamin B_6 Gives 24-Hour Recoveries

BIRMINGHAM, Ala.—Dramatic, 24-hour recoveries of human patients from symptoms of beriberi and pellegra after treatment with the recently synthesized pure vitamin B_6 (reported in SOLVENT NEWS, May 1939) are announced by three physicians here.

Their reports show the human need for this part of the vitamin B complex. Patients previously treated with two other B-group vitamins for beriberi and pellegra, again developed symptoms when they returned to their former, inadequate diets. A small amount of the pure synthetic B_6 was given and both doctors and patients were astounded when all the symptoms disappeared within 24 hours.

Vitamin B_6 is one of the water soluble compounds present in the B complex as a part of the thermostable component. It occurs naturally in yeasts and liver extract.

Many U.S.I. products play an important part in the synthesis of thiamin. Among them are acetone, absolute alcohol and ethyl acetate.

Acetone–"Dry-Ice"–Sulphur Mixture Helps Acne Scars

Marked Benefits Reported By Cryotherapy Technique

NEW YORK, N. Y.—A mixture of solid carbon dioxide, acetone and precipitated sulfur is extremely useful in the treatment of acne and postacne scars according to a report by three physicians of this city which appears in a recent issue of *Archives of Dermatology and Syphilology.*

Of fifty patients treated over a period of eighteen months, forty-seven were apparently either cured or greatly improved; two failed to respond and one suffered a recurrence. Of these, thirty-three responded in four months and fourteen required somewhat longer treatment for full benefits.

Preparation and Technic

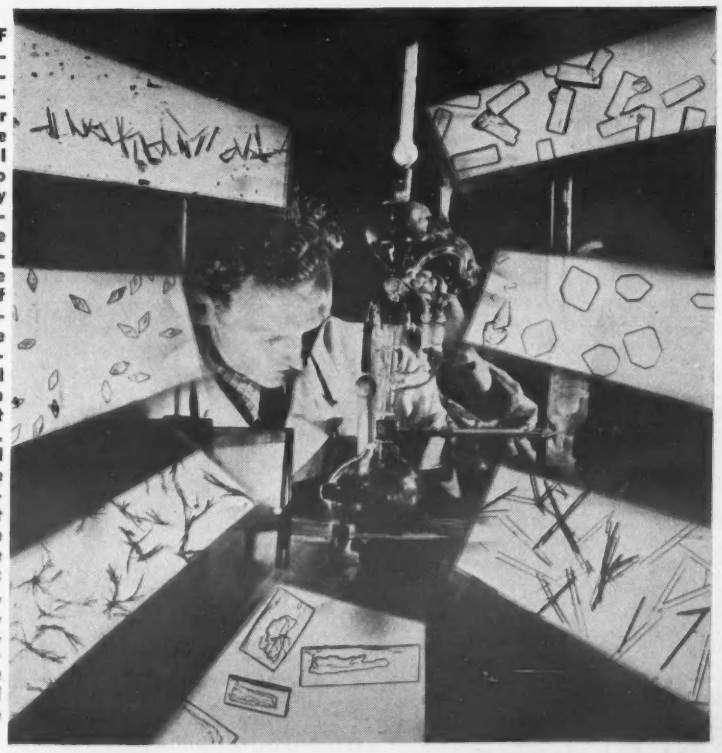
Approximately 5 ounces (140 Gm.) of solid carbon dioxide (Dry-Ice*) is placed in a clay mortar and finely ground. Acetone is added and stirred until a smooth paste is obtained. Approximately ¼ ounce (7 Gm.) of precipitated sulfur is then added until a light yellow mixture is obtained.

Using a cotton tampon, the mixture is first applied through gauze to the most prominent lesions, using moderate pressure. A second application is then made directly to the skin, without pressure, until the entire face is covered. The resulting deposit of sulfur is allowed to remain approximately twenty minutes. Erythema and slight edema appear, lasting about two days and are followed by mild exfoliation of the epidermis. The treatments are repeated at weekly intervals.

Theory of Action

It is believed the acetone serves a triple function: dissolving the sebum, permitting penetration into the follicles; secondly, it

(*Continued on next page*)



CRYSTALOGRAPHY OF NEWER CHEMICAL COMPOUNDS. Photomicrographs of crystaline compounds are useful in their classification and the study of their crystal habits and also serves to establish their identity by measurement of their optical constants under the petrographical microscope. Illustrated here are photomicrographs of some of the newer crystaline compounds. While some of them have several different crystal structures, only the form which is believed most characteristic is shown. These can be obtained repeatedly when the same technic is employed. Beginning at the top right and reading clockwise around the circle are the following substances: Vitamin C, Sulfanilamide, Vitamin B_1 Hydrochloride, Vitamin B_6 Hydrochloride, Nicotinic Acid, Sulfapyridine, and Riboflavin. The photograph is reproduced through courtesy of The Merck Report.

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September ★ # ALCOHOL NEWS ★ 1939

New Hair Dye Remover Won't Affect Natural Colors

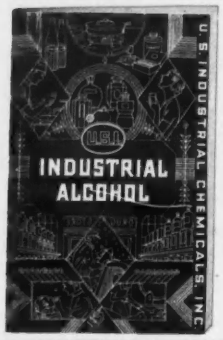
PARIS, France—A new composition for removing dye from living hair but which will not affect the natural coloring of the hair itself is announced in a recent U. S. Patent issued to an inventor here.

A typical formula for removal of vegetable, organic or metal salt dyes is given as follows:

Nitric acid (40° Bé)	3%
Hydrochloric acid	1%
Oxalic acid	1%
Acetic ether	1%
Cholesterol	0.02%
Diethylene glycol	3%
Sodium formaldehyde-desulfoxylate	1%
Water	89.98%

According to the description of this new composition, it may safely be used for lightening the shade of dyed hair without danger of causing streaks or uneven discoloration, or for complete removal of the dye. It is further stated that it will not serve to bleach or otherwise change the color of the natural hair.

The inventor also claims that after treatment with the dye remover, the hair is more supple, brighter, and can be redyed or waved with excellent results.



THE NEW U.S.I. ALCOHOL MANUAL, completely revised, including the new code system of classifying authorized uses for specially denatured alcohols, and also a special section on technical data and methods of testing, was announced in ALCOHOL NEWS last month. Copies for users of industrial alcohol may be obtained by writing to U.S.I. Requests should be made on your business letterhead.

Acetone "Dry-Ice" for Acne

(*Continued from previous page*)

appears to increase the speed of evaporation of the "Dry-Ice"* with a consequent further lowering of temperature; and lastly, it produces a more uniform paste. The sulfur is believed to exert an inhibitory action on the sebaceous secretion. The mixture causes superficial refrigeration with subsequent exfoliations.

While this technic of cryotherapy has not been tried in a sufficient number of cases to be accepted as all-conclusive, it is presented as another weapon against acne and its consequences.

*Manufactured and supplied by Pure Carbonic, Incorporated, an associate Company of U.S.I.

Did You Ever Hear Of The Soap-Nut Tree?

About a year from now you may be washing your face with soap made from nuts of the Soap-Nut Tree. Believe it or —, but nuts from the Soap-Nut Tree, a large, handsome tree found in India and Ceylon, have been used since ancient times for their cleansing value. And now, according to a recent report, drug chemists have developed a method for commercially extracting saponin from the nuts. And it is said they make a soap of excellent quality.

Aerosol Forms New Base For Soapless Shampoos

LONDON, England—The use of Aerosol OT, a recently developed wetting agent, as a new soapless shampoo base is reported here by the *Manufacturing Perfumer*. The product, an ester of a sulfonated di-carboxylic acid, resembles paraffin in appearance but is reported to be more stable.

A formula for preparation of a typical shampoo incorporating this product is given as follows:

Aerosol OT—100%	16%
Cetyl alcohol	5%
White mineral oil	5%
Denatured alcohol	20%
Distilled water	53.25%
Lecithin	0.75%

U.S.I. will glady furnish interested manufacturers with full information on specially denatured alcohols authorized for use in soapless shampoos and will also place interested parties in touch with a local source of supply on Aerosol.

New Hygienic Cap Closure

Test tubes, bottles, flasks, etc., containing bacteriological specimens and similar matter can be hygienically sealed with a new closure known as "Quicaps," which is said to be germ-proof, moisture-proof, leak-proof, airtight and economical.

Primarily intended as a sanitary closure for baby nursing bottles, "Quicaps" are said to be finding widespread use in laboratories for general capping of glass equipment. To apply a "Quicap" a single transparent tissue sheet is removed from the box, the sterile or under surface is placed flat over the neck of the container and a cardboard "collar" is pressed over the tissue and around the bottle neck to form a tight fit.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A new type light-weight wheel chair for invalids, which is sturdy but can be easily folded sufficiently to be carried in an automobile, is now on the market. It may be self-propelled or pushed, and is available in several models and with various accessories. **(No. 250a)**

U S I

Recently developed are three bland antiseptics with high phenol coefficients which are capable of application to oils or water phases. One has excellent fungicidal properties and one unusual properties for paper manufacture. They are available in any quantity. **(No. 251a)**

U S I

New bottle filler for small bottles and vials of perfumes, nail polish, remover, iodine, etc., has been announced. It is said to fill a dozen bottles simultaneously, be easily maintained, and to be inexpensive, both in first cost and in use. **(No. 252a)**

U S I

"Drybrow sweatpads" aptly describes a new absorbent cellulose sponge for wearing on the forehead to prevent perspiration from trickling into the eyes, blurring one's vision. It sounds practical for surgeons and nurses in operating rooms, industrial and plant workers and participants in vigorous sports. It is reported the material resists the chemical action of perspiration and may be washed and sterilized by boiling for continued reuse. **(No. 253a)**

U S I

A new remedy for athlete's foot has made its appearance in the form of a powder. When applied directly to the foot it is said to aid in curing the infection and when dusted into the shoes it acts as a preventive. **(No. 254a)**

U S I

A glass pump, combining "the mechanical advantages of metal and the chemical advantages of glass" has been announced. Made entirely of glass, it is claimed that hot acids or brine-cooled liquids may be pumped with equal facility. Fully transparent, it permits ready examination of the interior and materials being handled. **(No. 255a)**

U S I

A new double arm vacuum mixer with a single packing gland is designed for use in the manufacture of pharmaceuticals, biologicals, resins, flush colors, inks, paints, etc. Operating under high vacuum, it is said to permit evaporation of solvents or moisture at temperatures below their atmospheric boiling points. Sizes range from 2½ to 400 gallons. **(No. 256a)**

U S I

A new oscillating granulator of the automatic screen type is offered for granulating dried materials, processing filter-press cakes, breaking materials caked in storage, and a variety of similar uses. The machine has a capacity of 2,000 lbs. per hour and can be furnished with a dust discharge hopper, according to the announcement. **(No. 257a)**

U S I

A new stroboscope for viewing the movements of high speed machinery, is available. By setting the instrument properly and focusing it on a fast-moving object, the object is brought to rest so that the observer may see exactly what takes place where the motion is ordinarily too fast for the eye to follow, according to the manufacturer. **(No. 258a)**

U.S. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N.Y. (U.S.I.) BRANCHES IN ALL PRINCIPAL CITIES

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ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Oxalate
Ethyl Chlorocarbonate
Ethyl Formate
Ethyl Lactate

*Registered Trade Mark

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER ESTERS
Amyl Propionate
Butyl Propionate
Dibutyl Oxalate

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Sodium Ethyl Oxalacetate

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

OTHER PRODUCTS
Acetone, C.P.
Butyl-mesityl-oxide-oxalate
Cellulose Acetate
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
*Derex
Ethylene
Methyl Acetone
Nitrocellulose Solutions
Potash, Agricultural
*Vacatone

Red, Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y...lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.10 - —
open order .....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contrs...lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .20 - .25
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 1.91 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works .....lb. .09½- —
shell, dom., cs., works.....lb. .12 - —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.40 - 2.49
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 2.16 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .15 - .16
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb, root, cs.....lb. .50 - .55
powd., bbls., kgs.....lb. .55 - .60
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .19¾- —
smaller lots.....lb. .20¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .18¾- —
smaller lots.....lb. .19¼- —
Rose flowers, pale, bls.....lb. .65 - .70
red, bls.....lb. 2.75 - 3.25
Rosemary flowers, bls.....lb. .45 - .46
Leaves, bls.....lb. .10 - .11
Rosin, gum, B, bbls., ex dock. 280 lbs. 5.15 - —
D, bbls.....280 lbs. 5.35 - —
E, bbls.....280 lbs. 5.35 - —
F, bbls.....280 lbs. 6.20 - —
G, bbls.....280 lbs. 6.20 - —
H, bbls.....280 lbs. 6.80 - —
I, bbls.....280 lbs. 7.05 - —
K, bbls.....280 lbs. 7.10 - —
M, bbls.....280 lbs. 7.10 - —
N, bbls.....280 lbs. 7.20 - —
W. G., bbls.....280 lbs. 7.25 - —
W. W., bbls.....280 lbs. 7.55 - —
X, bbls.....280 lbs. 7.55 - —
Rosin, wood, bbls.....280 lbs. 4.20 - 5.85
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 Nom.
l.c.l., f.o.b. mines.....ton.37.50 Nom.
import, lump, bbls.....lb. .14 Nom.
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .35 - .38

S

Sabadilla seed, powd., bbls....lb. .21 - .22
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .23 - .38
Saffron, Mexican, bls.....lb. .38 - .42
Spanish, tins.....lb.34.00 -35.00
Sage, Dalmatian, stemless.....lb. .12 - .20
garden, bls.....lb. .06¼ Nom.
Safrol, cns.....lb. .52 - .53
dms.....lb. .49 - .50
Sago flour, bgs.....lb. .04 Nom.
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd. N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs.,c.l. dlvd., N.Y...ton.14.00 - —
l.c.l., dlvd. N.Y.....ton.15.00 -19.70
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works .....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls...100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons .....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo.115.00 -120.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs. .....lb. 1.50 - —
Sarsaparilla root, Honduras,bls.lb. .40 - .41
Mexican, bls.....lb. .18 - .19
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .18 - .20
Savory, bbls.....lb. .07½ Nom.
Saw palmetto berries, bgs.....lb. .07 - .08
Scammony root, bgs.....lb. .07 - .09
resin., lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .15¾- —
smaller lots.....lb. .15¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .15¾- —
smaller lots.....lb. .16½- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases .....lb. 1.75 - —
Senega root, bls.....lb. .62 - .63
Senna leaves, Alexandria, bls..lb. No prices
siftings, bls.....lb. .12 - .13
Tinnevelly, No. 1, bls.....lb. .13 - .14
2 bls.....lb. .10 - .12
3 bls.....lb. .08 - .09½
powd., bbls., bxs.....lb. .12 - .13
Pods, bls.....lb. .11 - .12
Serpentaria root, bls.....lb. .76 - .77
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .25 Nom.
dlvd. Boston.....lb. .25½ Nom.
Chicago .....lb. .25¾ Nom.
Pacific Coast.....lb. .28 Nom.
refd., bbls., f.o.b., N.Y....lb. .30 Nom.
dlvd. Boston.....lb. .30½ Nom.
Chicago .....lb. .30¾ Nom.
Pacific Coast.....lb. .33 Nom.
Garnet, bgs.....lb. .16 Nom.
Orange, D.C., VSO., Diamond I, cases..lb. .25 Nom.
Superfine, bgs., f.o.b. Bost., N. Y..lb. .17 Nom.
dlvd. Chicago.....lb. .17½ Nom.
Pacific Coast.....lb. .20 Nom.
T.N., bgs., f.o.b. Bost., N. Y., lb. .16 Nom.
dlvd., Chicago.....lb. .16½ Nom.
Pacific Coast.....lb. .19 Nom.
Varnish, orange, 5-lb. cut., bbls. gal. 1.00 - 1.05
4½-lb. cut, bbls.....gal. .95 - 1.00
4-lb. cut, bbls.....gal. .90 - 1.00
white, 5-lb. cut, bbls....gal. 1.10 - 1.15
4½-lb. cut, bbls.....gal. 1.05 - 1.10
4-lb. cut, bbls.....gal. 1.00 - 1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
90%, 325 mesh bgs., c.l., works..ton.22.00 - —
bgs., l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .25¾- —
Govt., purchase, dom., metal. oz. .7111- —
Govt. purchase, foreign metal oz. .36¼- —
cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .27¾- —
Nucleinate, bots., cns., 480 oz., lots..oz. .30 - .31
Proteinate, bots., cns., 480 oz., lots..oz. .29 - .30
Simarubra bark, bls.....lb. .33 - .45
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .19 - .22
Smalt, black, extra velvet, cnts., lb. .05 - .08
Blue, cts.....lb. .07 - .08¼
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .17 - .18
crushed, bls., bbls.....lb. .30 - .31
cut, bls., bbls.....lb. .24 - .28
powd., bbls.....lb. .20 - .22
Soda, acetate, anhyd., dms., dlvd. lb. .08½- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd..lb. .04½- .05
powd., 90%, dms., c.l., dlvd., lb. .06 - —
l.c.l., dlvd.....lb. .06¾- —
Alginate, dms., bbls., works, lb. .71 - .95
Antimoniate, bbls.....lb. .11½ Nom.
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
ouse, c.l., works.....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., Zone 1....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.80 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .30 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
Soda, benzoate, USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs., or more, lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .53
Bicarbonate, USP, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N Y..100 lbs. 2.76 - —
tech., bbls., c.l., wks.... 100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
Bichromate, spot, c.l., works.lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks, or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼ .12
Bisulphite, powd., bbls., c.l., bbls., wks..100 lbs. 3.30 - 3.55
l.c.l., works.....100 lbs. 3.50 - 3.66
solution, 33 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
solution, 63 deg., bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 degs., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lb. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bbls., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda memohydrated, soda sal)
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.00
2 .....100 lbs. 3.70 - 5.00
3 .....100 lbs. 3.95 - 5.20
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l. same zone prices as ammonia process.
liquid, 47-49% buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works, 100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., same zone prices as ammon process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .09¾- —
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20¼- —
25-lb. lots.....lb. .22¼- .23¼
kgs., 100-lb. lots.....lb. .19¼- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .30
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24¼- —
boxes, 50-lb. lots.....lb. .26¼- —
cns., 25-lb. lots.....lb. .29¼- —
kgs., 100-lbs. lots.....lb. .25¼- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import, 90%, cs.....lb. .12¾- .13¾
Cyanide, gold, 46% gold, bots., works..oz.15.85 -17.10
Diacetate, 83-86% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila

Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb.lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.35 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks., frt., equal'd, 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., wks..100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
pea, 500 to 2,500 lbs., bgs., works...100 lbs. 3.10 - 3.25
bbls., wks.....100 lbs. 3.30 - 3.50
dms., wks.....100 lbs. 3.60 - 3.80

Red, Indian—Squill

Soda, hyposulphite, pea, less than 500 lbs., bgs., wks., 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.62 - 5.67
Iodide, jars.....lb. 2.10 - —
bots.....lb. 2.21 - 2.47
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib. dms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., wks..100 lbs. 3.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 3.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment, ton.20.00 - —
200-lb. bgs., same basis.ton.26.80 - —
bulk, same basis.....ton.27.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., wks., frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¼- .11¾

Soda nitrite l.c.l price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 4.52 - —
l.c.l., works.....100 lbs. 5.51 - —
bbls., c.l., works..100 lbs. 4.72 - —
l.c.l., works .....100 lbs. 5.71 - —
cryst., tech., bgs., c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works..100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.00 - —
c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works.....100 lbs. 2.70 - —
l.c.l. works .....100 lbs. 3.10 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works.lb. .11¼- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .....lb. .09 - —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., wks., frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis..100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.80 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs. .....lb. .53 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —

20 dms., and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms .....100 lbs. 4.10 - —
1-4 dms. .....100 lbs. 4.30 - —
Silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works, 100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .04¼- .04½
import, bbls. .....lb. .04¾- .05¼
Stannate, dms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.85
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns.....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .15½- —
l.c.l. .....lb. .16 - —
Soybean protein, bgs., c.l., works, lb. .11½- —
l.c.l., works .....lb. .12 - —
Sparteine sulphate, cns.....oz. 1.00 Nom.
Spearmint leaves, bls.....lb. .22 - .23
Spikenard root, bls.....lb. .11 - .12
Spruce extract, reg., bbls., c.l., works..lb. .01½- —
tanks, works .....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works .....lb. .01¾- —
Squawvine leaves, bls.....lb. .12 - .13
Squill, red, bls.....lb. .20 - .21
white, bls.....lb. .10 - .12
powd., bbls., bxs.....lb. .17 - .20

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St. Ignatius Beans—Xylidin

St. Ignatius beans, bgs.....lb. .44 - .45
St. John's Bread, edible, bls., lb. .12 - .13
inedible, bls.....lb. .08½- .09
Starch, com., pearl, bgs., f.o.b., Chicago..100 lbs. 2.75 Nom.
dlvd., N. Y. .....100 lbs. 3.10 Nom.
powd., bgs., f.o.b. Chicago, 100 lbs. 2.85 Nom.
dlvd., N. Y.....100 lbs. 3.20 Nom.
Potato, dom., bgs.....lb. .05 Nom.
import, bgs.....lb. .06 Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick, bsd., bgs.....lb. .05¼ Nom.
Staveacre seed, bgs.....lb. .30 - .31
Stearin, oleo, bbls.....lb. .10½- —
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .17 - .18
Seed, bgs.....lb. .20 - .21
Strontium bromide, fib, dms...lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
tech., 99-100 pc., precip., bbls., lb. No prices
Chloride, bbls. .....lb. .15 Nom.
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 1.95 - 2.00
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .60 - —
powd., cns., 100-oz. lots..oz. .50 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz., cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25 - oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots, oz. .40 - —
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lbs., bots....lb. 1.40 - —
fib., dms., 1,000 lbs., 1 delivery. lb. 1.00 - —
100 lbs.....lb. 1.05 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts....long-ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
ex vessels, Atlantic seaboard, contract..long ton.20.50 - —
Puget Sound, Columbia River, and British Columbia ports, bulk, contract.. long ton.22.00 - —
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works...100 lbs. 3.25 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.35 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works....100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
Sulphur, heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l., 99½%, c.l. frt., alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars .....lb. 2.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.78.00 Nom.
leaf, bls.....ton.82.00 Nom.
Extract, 42°, bbls.....lb. No prices
51°, bbls.....lb. No prices
stainless, bbls.....lb. .07½- .09½
berries, bgs.....lb. .05½- .06
Sunflower seed, Calif., large, bgs., lb. .06½- .07
medium, bgs.....lb. .05½- .06
poultry, bgs.....lb. .04½- .04½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Baltc. ton. 5.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-43%, a.p.a. bulk, f.o.b. Baltc..unit-ton. .70 - —

T

Talc., dom., N.Y., 96-98%, 325 c.l., mills..ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
90.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton. No price
ordinary, bgs., c.l., ex dock arrival..ton. No price
l.c.l., ex whse.....ton. No price
Italian, 1, bgs., ex dock, arrival. ton.67.00 Nom.
ex whse.....ton.87.00 Nom.
2, bgs., ex dock, arrival.ton.64.00 Nom.
Tallow, animal, edible.....lb. No prices
extra, loose.....lb. .06½- —
special, loose.....lb. .06⅝- —
vegetable, ship, cs.....lb. .07 Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾ Nom.
l.c.l. .....lb. .04¼ Nom.
50% (43% fat), dms., c.l., lb. .05¼ Nom.
l.c.l. .....lb. .06¼ Nom.
50% (48% fat), dms., c.l..lb. .05⅜ Nom.
l.c.l. .....lb. .06⅜ Nom.
Tamarind, W. I., bbls.....lb. .09½- .10
kegs .....keg. 8.50 - 9.00
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 16-20% b.p.l., bulk..unit-ton. 5.00 & .10
10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.00 & .10
Tankage, unground, high-grade feeding, bulk, Chicago, unit-ton. 4.50 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, Sept. shipt., unit-ton. 3.25 Nom.
Tansy leaves, bls.....lb. .23 - .24
Tapioca flour, bgs.....lb. .04 Nom.
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .23 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .50 - .65
Tartar emetic, tech., fine grain., bbls., 5 or more..lb. .28¾- —
less than 5.....lb. .29 - —
powd., bbls., 5 or more..lb. .28¾- —
less than 5.....lb. .29 - —
USP, powd., bbls.....lb. .34 - .34½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .60 - .65
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- — tech. (see Perchloroethylene).
Tetralin, dms. .....lb. .13 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns.....lb. 2.10 Nom.
Sodiosalicylate, cns.....lb. 1.85 - —
dms. .....lb. 1.70 - —
5-lb. bots.....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .40 - —
Thyme, French, bls.....lb. .17 - .23
Thyme, French, bls.....lb. .15 - .24
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.35
25 lbs. .....lb. 3.35 - 3.45
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. No prices
Crystals, bbls., kgs.....lb. No prices
Metals, Straits.....lb. .70 Nom.
Oxide, bbls.....lb. No prices
Tetrachloride, anhyd., bbls.lb. .34½- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd. lb. .13¼- —
Pac. Cst., ex whse..lb. .13¼- —
1,000-9,999 lbs., E. frt. pd. lb. .13½ - —
Pac. Cst., ex whse..lb. .13¾- —
50-999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs.. E. frt. pd. lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd lb. .13¼- —
l.c.l., 5 tons, E. frt. pd. lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd. lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd....lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk-resistant, bgs., c.l., (20 tons), frt. pd..lb. .16 - —
l.c.l., 5 tons, frt. pd....lb. .16¼- —
1,000-9,999 lbs., frt. pd.lb. .16½- —
50-999 lbs., frt. pd....lb. .16⅝- —
Under 50 lbs.. frt. pd..lb. .19 - —
bbls., c.l. (20 tons), frt. pd. lb. .16¼- —
l.c.l., 5 tons, E. frt. pd..lb. .16½- —
Pac. Cst., ex whse..lb. .16½- —
1,000-9,999 lbs., E. frt. pd..lb. .16¾- —
Pac. Cst., ex whse..lb. .16¾- —
50-999 lbs., E. frt. pd., lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
barium, calcium, or magnesium base, c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd. .....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06¼- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse....lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .48 - .52
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- — tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .40 - .41
root, bls. .....lb. .42 - .43
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brazilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works .....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are ft. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd. .....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .08 Nom.
Madras, bgs.....lb. .09 Nom.
Turpentine, spirits, gum bbls., c.l., ex dock..gal. .32½- —
l.c.l., 10 ex dock.....gal. .34½- —
5 ex dock.....gal. .36½- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .23 - .25
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd.gal. .29 - —
l.c.l., dlvd.....gal. .32 - —
tanks, dlvd.....gal. .24 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, black, kgs....lb. 2.65 - —
yellow, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Bel'e, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N_2, bulk, Sept. shipt., f.o.b. Belle, W. Va..ton.55.40 - —
imported, 40% N_2, bgs., July-Aug.-Sept. shipt. .....ton.53.30 - —
30% N_2, bgs., July-Aug.-Sept. shipt...ton.40.35 - —
Uva ursi leaves, bls.....lb. .12 - .15

V

Valerian root, bls.....lb. .18 - .27
Valonia, beards, bgs., shipt..ton.57.00 Nom.
Cups, bgs., shipt.....ton.39.00 Nom.
extract, powdered, 63%.....ton. .05 Nom.
Vanilla beans, Bourbon, tins..lb. 6.00 - 6.50
Mexican, tins.....lb. 6.00 - 6.50
cuts, tins.....lb. 5.75 - 6.00
South American, tins.....lb. 5.75 - 6.00
oleoresin, bots. .....lb.12.00 -18.00 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .28
Vinyl acetate, cns., works....lb. .25 - — dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha v.m.p.).

W

Wahoo bark, bls.....lb. .37 - .38
tree .....lb. .19 - .22
Wattle bark, bgs., shipt....ton.38.50 Nom.
Extract, solid, bags.....lb. .05½ Nom.
Wax, bayberry, import, bgs...lb. .30 Nom.
Bees, white, bleach, slabs, cs., 5 case lots..lb. .37½- —
1 cs., lots.....lb. .38 - —
cakes, 5 cs., lots.....lb. .38½- —
1 cs., lots.....lb. .39 - —
discs, 5 cs., lots.....lb. .39½- —
1 cs., lots.....lb. .40 - —
yellow, crude, Africa, bgs., lots of 10..lb. 23 Nom.
1 bg.....lb. .23½- Nom.
Brazil, bgs., 5-10 ton lots, lb. No prices
1 ton.....lb. No prices
500 lbs.....lb. No prices
100 lbs.....lb. No prices
refd., slabs, cs., lbs.....lb. .30 Nom.
Candelilla, bgs., 1 ton.....lb. .16½- .17
jobbing lots.....lb. .17 - .17½
Carnauba, No. 3 chalky, bgs., bgs., 1 ton..lb. .35 Nom.
5 bgs.....lb. .35½ Nom.
1 bg.....lb. .36 Nom.
N. C., 2, bgs.....lb. .40 Nom.
N. C., 3, bgs., 1 ton.....lb. .35 Nom.
5 bgs.....lb. .35½ Nom.
1 bg.....lb. .36 Nom.
refined, bgs.....lb. .38 Nom.
yellow, No. 1 bgs., 1 ton..lb. .55 Nom.
5 bgs.....lb. .55½ Nom.
1 bg.....lb. .56 Nom.
No. 2, bgs.....lb. .54 Nom.
Ceresin, dom., 138°-140°, m.p., bgs., 1 ton..lb. .06½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton..lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .16½ Nom.
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs.....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06½
White precipitate, powd., 5-lb. bots..lb. .2.19 - —
dms., 50 lbs., or more....lb. 2.06 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris, white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.65 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
Limestone, gilders, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
gilders, extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 ton, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .07½- .09
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.23.00 Nom.
80 mesh, bgs., ex dock...ton.25.50 Nom.
100 mesh, bgs., ex dock...ton.28.50 Nom.
120 mesh, bgs., ex dock...ton.31.00 Nom.
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 5.00 - 6.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
dms., W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., works.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .38 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .32 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .33 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.	lb.	1.35	- 1.56
Yellow, cadmium, CP, import., bxs.	lb.	1.35	- 1.70
lithopone, all shades, bbls 1 ton, works, frt. alld.	lb.	.45	- —
smaller lots, same basis	lb.	.50	- —
kgs., ton lots, same basis,	lb.	.50	- —
smaller lots, same basis,	lb.	.55	- —
Sulphide, orange, bbls., works,	lb.	.75	- —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.14½	—
open order	lb.	.15½	—
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
Dutch, pink, bbls.	lb.	.09	- .11
Hansa, bbls., same basis, chrome	lb.	1.87	- —
primrose shade, bbls., same basis, chrome	lb.	1.78	- —
Mercury oxide (see M).			
Ocher, Amer., golden, A, bbls., works	lb.	.03½	—
B, bbls., works	lb.	.04½	—
C, bbls., works	lb.	.05½	—
yellow, A, bbls., works	lb.	.02¾	—
B, bbls., works	lb.	.03½	—
C, bbls., works	lb.	.03	- —
D, bbls., works	lb.	.0198	—
E, bbls., works	lb.	.01773	—
F, bbls., works	lb.	.01½	—
G, bbls., works	lb.	.01½	—
H, bbls., works	lb.	.0143	—
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import,	lb.	.02475	—
New York (f.o.b.)	lb.	.02¾	—
Philadelphia for import	lb.	.02¾	—
ex dock, San Pedro, San Francisco	lb.	.0290	—
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.03278	—
New York	lb.	.03¼	—
ex-dock Phila., for import	lb.	.03¾	—
Portland, Seattle	lb.	.03¼	—
San Pedro, S. Francisco	lb.	.03	- —
ex whse., Balto., Boston, N. Orleans	lb.	.03728	—
Chicago, E. St. Louis, Indianapolis, Kan. City, Milwaukee, St. Louis	lb.	.03¾	—
New York	lb.	.03¾	—
Pittsburgh	lb.	.03¼	—
Portland, Seattle	lb.	.03¾	—
San Pedro, S. Francisco	lb.	.03¼	—
f.o.b. N. Y., from dock,	lb.	.02¾	—
from whse.	lb.	.02¾	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½	—
l.c.l., same basis	lb.	.04¾	—
synth., bbls., c.l., works	lb.	.06½	—
l.c.l., same basis	lb.	.04¾	—
Persian orange (see O).			
Zinc, bbls., same basis chrome CP. contracts	lb.	.18	- —
open order	lb.	.19	- —
Yellow dock root, bls.	lb.	.17	- .18
Yellow root (xanthoriza), bls.	lb.	.11	- .12
Yerba santa leaves, bls.	lb.	.09½	- .10
Yohimbine hydrochloride, via.	oz.	4.00	- 4.25

Z

Zinc acetate, tech., bbls., works,	lb.	.15	- .16
USP, bbls., 250 lbs.	lb.	.27	- —
kgs., 100 lbs.	lb.	.29	- —
Arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12	- —
l.c.l., bags	lb.	.12½	—
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.			
Carbonate, tech., bbls.	lb.	.14	- .16
USP, precip., powd., bbls.	lb.	.31	- —
dms.	lb.	.26	- —
kgs.	lb.	.33	- —
Chloride, tech., fused, dms., c., works	100 lbs.	4.25	- —
l.c.l., works	100 lbs.	4.60	- —
gran., dms., c.l., works,	100 lbs.	5.00	- —
l.c.l., dms., works.	100 lbs.	5.75	- —
USP, 200-lb. dms.	lb.	.25	- —
25-lb. jars	lb.	.31	- —
solution, 50%, dms., c.l. works	lb.	.0290	—
l.c.l., works	lb.	.04	- .04½
tanks, works	lb.	.0225	—
Cyanide, kgs., works	lb.	.33	- —
Dust, bbls., c.l., dlvd.	lb.	.08¼	—
l.c.l., bbls., dlvd.	lb.	.08¾	—
Fluoride, bbls.	lb.	.20	- .25
Iodide, N.F., bots.	lb.	4.35	- —
jars	lb.	4.20	- —
Metal (see daily quotations in Market report)			
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06½	- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½	- .07¾
ex whse., Pac. cst.,	lb.	.06½	- .07¾
bbls., c.l., dlvd.	lb.	.06½	- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	- .08
ex whse., Pac. cst.	lb.	.06¾	- .08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06½	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	—
ex whse., Pac. cst.	lb.	.06¾	—
bbls., c.l., dlvd.	lb.	.06¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	—
ex whse., Pac. cst.	lb.	.06¾	
35%, bgs., c.l., dlvd.	lb.	.06	- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼	—
ex whse., Pac. cst.,	lb.	.06¼	—
bbls., c.l., dlvd.	lb.	.06¼	—
bbls., l.c.l., dlvd., except Pac. cst.	lb.	.06½	—
ex whse., Pac. cst.	lb.	.06½	—
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606	—
Pac. cst.	lb.	.0612	—
l.c.l., dlvd., except Pac. cst.	lb.	.0631	—
Zinc oxide, pigment, dom., Amer., process, leaded, 50%, bgs., ex whse., Pac. cst.	lb.	.0631	—
bbls., c.l., dlvd.	lb.	.0631	—
l.c.l., dlvd., except Pac. cst.	lb.	.0656	—
ex whse., Pac. cst.	lb.	.0656	—
French process, com'l, leadfree, bgs., c.l., dlvd.	lb.	.06¼	.07
l.c.l., dlvd., except Pac. cst.	lb.	.06½	.07¼
ex whse., Pac. cst.	lb.	.0672	.07¼
bbls., c.l., dlvd.	lb.	.06½	.07¼
l.c.l., dlvd., except Pac. cst.	lb.	.06¾	.08
ex whse., Pac. cst.	lb.	.06¾	.08
green seal, bgs., c.l., dlvd.	lb.	.08	- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼	—
ex whse., Pac. cst.	lb.	.08¼	—
bbls., c.l., dlvd.	lb.	.08¼	—
l.c.l., dlvd., except Pac. cst.	lb.	.08½	—
ex whse., Pac. cst.	lb.	.08½	—
red seal, bgs., c.l., dlvd.	lb.	.07½	—
l.c.l., dlvd., except Pac. cst.	lb.	.07¾	—
ex whse., Pac. cst.	lb.	.07¾	—
bbls., c.l., dlvd.	lb.	.07¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.08	- —
ex whse., Pac. cst.	lb.	.08	- —
white seal, bgs., c.l., dlvd.	lb.	.08½	—
l.c.l., dlvd., except Pac. cst.	lb.	.08¾	—
ex whse., Pac. cst.	lb.	.08¾	—
bbls., c.l.	lb.	.08¾	—
l.c.l., dlvd., except Pac. cst.	lb.	.09	- —
ex whse., Pac. cst.	lb.	.09	- —
import, gold seal, cks., ex whse.	lb.	.13	- .14
green seal, bbls., ex whse.,	lb.	.10	- —
Lead, oxide, imp., white seal, cks., ex whse.	lb.	.11	- .12½
USP, bbls., c.l.	lb.	.09½	—
Palmitate, bbls.	lb.	.24½	- .26½
Resinate, fused, pale, bbls.	lb.	.10	- —
precip., dms., dlvd.	lb.	.15	- —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.21½	—
l.c.l., 1 ton	lb.	.22½	—
1,000-2,000 lbs.	lb.	.23½	—
less than 1,000 lbs.	lb.	.24½	—
U.S.P., bbls.	lb.	.22½	- .24½
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75	- —
l.c.l.	100 lbs.	3.50	- —
bbls., c.l.	100 lbs.	2.90	- —
l.c.l.	100 lbs.	3.65	- —
flake, bgs., c.l.	100 lbs.	3.10	- —
l.c.l.	100 lbs.	3.85	- —
bbls., c.l.	100 lbs.	3.25	- —
l.c.l.	100 lbs.	4.00	- —
powd., bgs., c.l.	100 lbs.	4.35	- —
l.c.l.	100 lbs.	5.10	- —
bbls., c.l.	100 lbs.	4.50	- —
l.c.l.	100 lbs.	5.25	- —
Sulphide, pigment, barium, calcium, or magnesium base, bgs., c.l. (20 tons), dlvd.	lb.	.07½	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.07¾	—
bbls., c.l. 20) bbls., c.l., (20 tons), dlvd.	lb.	.07¾	—
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08	- —
Sulphocarbolate, NF, bbls.	lb.	.24	- .26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15	- —
l.c.l., works	100 lbs.	5.50	- —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.08	- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½	—
ex whse., Pac. cst.	lb.	.05¼	—

Yara Yara—Zirconium

Zirconium nitrate, kgs., works	lb.	3.00	- 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton	75.00	-100.00
white, 98%, rgd., kgs., works,	lb.	1.80	- 2.00

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the Sept. 4 issue; the next printing will be in the Oct. 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

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Price Trends Are Important

Days of wartime stress try with exactness the mental, as well as the physical, capacities of men. The results of both tests are long confused by the irreconcilable varieties of reactions, and even in retrospect are not easy of definite interpretation, because memory is a selective agency retaining chiefly that which is desirable.

It is explicable, then, that prices have already responded to reactions that were more delayed in the corresponding period that began a quarter-century ago. This is understandable even in the face of averments by representative spokesmen for business that it seeks no profits of war, that it desires a world at peace.

It is more easy to recall fat years of the latter part of the first decade of the present century than it is to give thought to the reactively lean ones that followed so quickly afterward. So, in spite of warnings by buyers and by sellers and by impartial advisers and in spite of evidence of abundant supplies, the raising of prices in certain instances fully justified spreads without justification to other fields. Business as a whole is commendably striving to curb this unwarranted tendency.

Through the years that have come and gone since the levitation and the bursting of the World War boom the chemical and related industries have pursued a reasonable price course. The relative degree of their progress as earners and as employers and as aids to all industry testifies that this course is good. It is being adhered to today to the full extent that self-control can effect.

The roots of these industries reach as far and wide as do their branches of service. It is inevitable that they should be affected by the price trends of their raw materials and be obliged to adjust their prices commensurately. In this there is no reason for rash anticipatory buying beyond recognizable needs, and speculative buying is already being thwarted.

Price changes are disturbing, but it is actual trends of prices that must be watched. The REPORTER will endeavor to provide information essential for this, as it has provided it through all sorts of conditions for almost seventy years. And, as inevitable circumstances require, every effort will be made to keep this information adequate.

Wartime Price Influences

In printing comparative prices of important chemicals and related materials which are indicative of their response to war's alarms, the REPORTER would have the full significance of these tabulations get as much consideration as their direct information receives. It is very important to recognize, for example, that the high prices of the World War period were not reached until productive industry had been turned to the transiently booming demands of United States participation in the war.

It is felt that these comparisons will be instructive. But, they must be consulted with proper regard for all contributory factors, those which still exist, and more particularly those which have been eliminated by vastly changed conditions.

—O-P-D—

Plea for Unified Action

Two ideas presented in resolutions adopted at its recent annual meeting by the American Pharmaceutical Association should be discussed by all organizations in the drug industry. They are directed to needs of both the profession of pharmacy and the manufacture and distribution of drugs which are already of great importance and are steadily becoming serious in aspect.

These two A.Ph.A. proposals have to do with (1) the creation of a national council encompassing all pharmacal interests, and (2) the formation of a national council similarly representative of the several professions engaged in health services.

The American Pharmaceutical Association is the pioneer of pharmacal organizations. Out of particular needs developed in connection with its many years of activity have come, by direct derivation and by branching to specific needs, all the other associations. It is fitting, therefore, that from this parent association should come the suggestion for a means of coordinating the facilities and the abilities of all organizations in connection with matters in which they have a fundamentally common interest.

It is fitting also that this suggestion should be directed to the National Drug Trade Conference, a delegate organization which is designed, within a somewhat limited scope, to do what is proposed on a broader scale in the suggested council. The conference is not representative of all pharmacal interests; in fact, it does not represent all the organized interests of pharmacy and the drug trade. And it is handicapped in usefulness by its rule that it can only recommend action to its constituent bodies and do this only by unanimous vote.

The National Drug Trade Conference, in spite of its handicaps, has been able to do some notably good work for the drug industry. Its work in connection with the construction and enactment of the new Federal food, drug, and cosmetic law is an outstanding achievement. But, even this gives but an inkling of what could be done through the operations of a more directly potent organization of still broader scope in all problems of providing better pharmacal service for the public.

The organizations in the drug industry that will hold their annual meetings in the interval before the next assembling of the National Drug Trade Conference should make full preparation to take intelligent part in the discussion and deciding of the proposal which the A.Ph.A. delegates will present to the conference. All other organizations in the industry which will not be in general session during the interval should take similar steps through interim action of their executive bodies.

The drug industry, in both its professional and its commercial divisions, has a large and fertile field for coordinated development. It should realize that the sincere undertaking of this means of self-advancement is its best assurance that it will be permitted to choose its own way.

—O-P-D—

Technologic Opportunities

A bigger opportunity and a bigger task than ever before—and that is saying a great deal—lie before the Federation of Paint and Varnish Production Clubs in its meeting next month. This year, paint technicians have the added stimulus of necessity to bend them to their researches in the technology of protective and decorative coatings. They have contributed much through their national organization in the less than two decades of its existence. They may confidently be expected to meet present-day conditions with equal ability.

The paint, varnish, and lacquer industry has an inordinately large share in the dependence of American industries on materials largely obtained from other countries. This is true with respect to some of its important mineral materials, as well as drying oils and natural resins. It must draw largely upon foreign sources for antimony, for titanium, for manganese. It is still dependent on foreign supplies for much of its chrome and mercurial materials. It can get but a small part of its tung oil from domestic sources, and it must have some foreign flaxseed.

With the development of synthetic resinoidal materials and rosin esters, the dependence of the paint, varnish, and lacquer industry on foreign "gums" has been greatly lessened. With the possible exception of shellac, it is probable that these "gums" could be dispensed with in all but special formulations. It is not too much to expect that even these exceptions could be overcome by the ability of the paint technicians. Likewise, they are well on the road already to the perfection of fabricated oils or synthetic resin compositions which would enable the industry at least substantially to curtail its consumption of natural drying oils.

Come what may in respect of a dearth of foreign materials, the paint, varnish, and lacquer industry will be able to provide the nation with an adequate supply of satisfactory protective and decorative coatings; perhaps in smaller variety than now is demanded; but sufficient for all practical purposes. It is not too much to believe, knowing what there is to know of the achievements of its technical personnel, that the industry within a very few years would but little miss any material which might be cut off.

There is another side to the opportunity in the coming meeting of the Federation of Paint and Varnish Production Clubs. This offers to the producers of new materials for the industry, among whom there has been progress in keeping with that of direct paint technology. These producers will find a keen interest in what they have to offer to the paint technicians, and this year's paint show should be an extensive exposition, because it must be assumed that the producers of materials know that markets are opening to them. All in all, the Chicago meeting should be a most interesting and a very important event in paint technology.

CITRIC ACID

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Announcement

Chas. Pfizer & Co., as the largest producers of Citric Acid and Citrates in the world, wish to now assure the consumers in the United States that this company will make no advance in their present prices for these products for at least one year from October 1st, 1939.

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Heavy Chemicals

Domestic Demand Continues Heavy But Is Less Panicky—Soda Silicofluoride Is Higher—Imported Magnesite and Fluorspar Advanced—Barium Derivatives Firmer

Demand for heavy chemicals continued active last week. Business was less panicky than previously, but orders continued to pour into the market from practically all consuming channels. In many instances sellers assured customers that no scarcity existed and that production facilities were adequate to take care of normal increased requirements. While the general price structure has shown considerable firming, apprehension regarding immediate advances in domestic prices apparently was not justified. The period for quarterly contract adjustments was at hand and indications were that most current schedules would be extended into the final quarter. Inquiries for export continued to flood the market, but domestic business received first consideration. Price changes were chiefly confined to imported items, metals and their derivatives.

Soda silicofluoride, domestic and imported, was higher. Stocks of foreign material were scarce and offerings made above the domestic quotation, reversing the trend in recent years. Higher shipping costs advanced the quotations for imported magnesite. The same situation occurred in imported fluorspar. Arsenic metal was scarce and the price was sharply higher at the nominal figure. Supplies of barium chlorate, hydrate and nitrate were limited and the quotations were on a nominal basis. Straits tin was highly unsettled, quotations for most tin derivatives were not obtainable. Prices for antimony derivatives, including soda antimoniate, oxide and needle of antimony were nominal. No prices were available for strontium carbonate, while the chloride was offered in small quantities at a nominal figure. Copper carbonate and chloride were quoted at firmer levels, but the market was subject to change at any time.

Blue vitriol demand was exceptionally heavy from domestic and export channels. A better interest was displayed in domestic sal ammoniac. Buying was steady in carbon tetrachloride. Stocks of imported potash chlorate were limited, and quotations were nominal. Cobalt salts were unchanged. Manganese ore was highly unsettled, and no quotation was obtainable. Potash permanganate was a firm feature. Saltpeter was in excellent demand. Alkalies moved well, with export inquiry very good. Buying of soda cyanide was heavy. Zinc chloride and sulphate were very firm. A broader demand was uncovered for acetic, chromic, oxalic and sulphuric acids.

Alums.—While a firm price tone prevailed in the market for ammonia, potash and soda alums, sellers were adhering to previous quotations. Price for potash chrome was nominal. Demand from various consuming sources was on a broader scale. July exports of alum compounds totaled 329,323 pounds, valued at $17,407, of which 150,251 pounds went to the United Kingdom and 112,577 pounds to Canada.

Alumina Sulphate.—No change occurred in the schedules for the commercial and iron-free. An active inquiry was displayed in the market, and shipments moved in good volume to the paper trade and for water treating purposes. July exports were 4,925,797 pounds, valued at $52,553, of which 4,193,097 pounds went to Canada.

Ammonia Aqua.—Shipments were moving against contracts at a steady pace. A good inquiry for export was reported from several countries. Pricewise a steady to firm tone prevailed.

Ammoniac, Sal.—The position of the market was firm, reflecting to a large extent a better buying interest, together with the removal of imported material as a competitive factor. Quotations were unaltered. July imports aggregated 320,081 pounds, valued at $6,939, of which 141,750 pounds came from Belgium; 131,593 pounds from Germany and 46,738 pounds from Poland and Danzig.

Antimony.—Demand for the metal was not as active as the preceding period, however, the position of the market was firm and spot price held at 12¼c. per pound. Stocks of antimony needle were limited and small quantities were available at 20c. per pound, but this was considered nominal. Much the same situation prevailed in the oxide, and prices were nominally quoted at the levels established previously.

Arsenic.—The metal was nominal at 60c. per pound. No quotations were available for the red arsenic, with stocks practically depleted. Sales of the white material were made at 3c. per pound in car lots. Imports of red arsenic during July amounted to 11,023 pounds, valued at $1,405, all of which came from France.

Barium Salts.—A further advance was reported for the nitrate at 9½c. per pound, and the market was nominal. Limited stocks of chlorate were available, and sales were made at 18c. to 18½c. per pound level. Prices for domestic and imported hydrate were higher. No further changes occurred in the fluoride and fluosilicate. Quotations remained firm for the carbonate, chloride, dioxide, oxide and sulphate.

Bleaching Powder.—Price schedules were unchanged, and the market was firm. Buying from principal consuming channels was active last week.

Blue Vitriol. — Demand continued heavy in the market last week. Sellers were using discretion in supplying the broad inquiry from domestic and export channels. Stocks of material were rather depleted after the heavy consuming period, and the unlooked-for demand from commercial sources during the fast few weeks. Some good-sized shipments were moving to South America for agricultural purposes. Quotations for the crystals and monohydrated were unchanged, but the market was very firm.

Calcium Chloride.—The market was experiencing the usual in-between season, and current orders were not very large. However, active preparations were underway for the Fall and Winter season, and shipments were expected to be moving to jobbing and dealers in the near future. Pricewise a steady to firm tone predominated.

Carbon Tetrachloride.—Buying interest was quite steady, and shipments were moving to numerous consuming channels in comparatively good volume last week. Prices were firmer, but schedules were without alteration.

Chlorine.—Transactions in the market continued along broader lines last week. Contract consumers were displaying no hesitation in making commitments, although sellers were confining shipments to normal proportions in the majority of instances. Stocks of material were not considered very large, and the market was firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arsenic metal, lump, 20c. per lb.
Barium chlorate, 1½c. per lb.
hydrate, 2c. per lb.
nitrate, ½c. per lb.
Copper carbonate, 2½c. per lb.
chloride, 1c. per lb.
Fluorspar, imp., $2.50 per ton
Magnesite, imp., $4 per ton
Soda silicofluoride, dom., ¼c. per lb.
imported, ¾c. per lb.
Strontium chloride, 4c. per lb.
Tin, Straits, 5c. per lb.
tetrachloride, nhy., 4½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.7	148.6	146.8	148.5

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Cobalt Salts.—Quotations for the acetate, carbonate, hydrate and oxide were unchanged and firm. Stocks of material were not unlimited, and quotations were on a day-to-day basis.

Copper.—Dealings in domestic copper were not as active last week. Prices held at the 12c. per pound level. British Ministry of supply announced a fixed price of £51 a long ton for electrolytic copper delivered at United Kingdom ports.

Copper Salts.—The situation in the market continued unsettled. No quotations were available for the nitrate and oxides of copper, while carbonate was quoted nominal at 16½c. per pound and chloride at 13½c. per pound. Copper cyanide held at 34c. per pound.

Copperas. — Firmness continued to characterize trading in this direction. Demand was sufficient to keep available stocks at low levels. Prices ruled unchanged.

Fluorspar. — Quotation for the imported material was nominal at $24 per ton, and supplies will largely depend on shipping facilities and higher costs. Prices for various grades of domestic material were firm and unchanged. Demand from metallurgical trade was particularly active last week.

Lead Acetate.—No further change occurred n the market. Buying was moderately active, but slowed down from the preceding period.

Magnesite. — Price for the imported material was advanced $4 per ton, ranging from $60 to $70 per ton, reflecting the higher shipping costs. No change occurred in the domestic calcined and dead-burned material.

Manganese Ore. — The market was highly unsettled. While stocks of material were available, future shipments were subject to higher costs, and it was difficult to obtain any kind of a quotation. The market was strictly nominal.

Nickel Salts. — Sellers reported a steady interest from the plating trade and for catalyst purposes. Prices ruled unchanged and the tone of the market was firm.

Potash Carbonate. — Various consumers entered the market for fair size quantities last week; with a broader buying interest discernible. No change was disclosed in the quotations.

Potash Caustic.—A firm tone governed the dealings, although quotations held at the same levels. Shipments were moving against contracts at a good pace.

Potash Chlorate. — The market was nominal. Supplies of material on hand were rather depleted, and sellers were offering regular consumers limited quantities at current prices. Prospects of future shipments and replacement costs could not be determined at this time.

Potash Cyanide. — No material was available in the market las tweek. Quotations were not obtainable.

Potash Metabisulphite. — The market was nominal at 11c. to 12c. per pound. Stocks were nearly depleted, and future shipments from abroad were not available at the present time.

Potash Permanganate. — Sellers were adhering to the same prices. However, the market was much firmer, and future quotations will largely depend on the cost of raw materials.

Saltpeter.—Sellers were in receipt of more orders from domestic and foreign channels than they could handle. Shipments to regular contract customers were proceeding along normal lines. New business in many instances was not taken. Inquiry from abroad was very heavy. Shipments to belligerent countries was prohibited under the Neutrality Act. No change occurred in the price schedules.

Soda Antimonate. — Quotation was nominal at 11½c. per pound. Sellers were only supplying regular consumers at this level, and new business was subject to changing conditions.

Soda Ash.—Buying, while not as panicky as the preceding period, remained heavy last week. Many consumers were inclined to discourage any unusual buying at this time. Inquiry from South America and other countries was quite broad. Price schedules were firm. July exports totaled 9,380,698 pounds, valued at $121,088.

Soda Bicarbonate.—A firmer price tone was evident in the market last week. Shipments were moving to domestic channels at a steady pace, with inquiries for export reaching the market in good volume. July exports aggregated 1,565,270 pounds, valued at $23,817.

Soda, Caustic.—Consumers entered the market on a broad scale during the past week. Spot and contract shipments were made in comparatively good volume, with some limitation made on new business for speculative purposes. Export inquiry was very active from South America. Price schedules were unchanged. July exports were 20,303,844 pounds, valued at $398,416.

Soda Cyanide.—Interest in the market was good, and buying by major consumers was heavier last week. There were ample supplies of domestic and imported material to supply current demand. Pricewise a steady to firm tone prevailed.

Soda Phosphate.—A firmer price tone prevailed in this direction. Many domestic consumers were inclined to place commitments on a forward basis, and business was much broader than heretofore. A good export inquiry was disclosed from many sources. Price schedules were unaltered. July exports were 994,258 pounds, valued at $47,824.

Soda Silicate.—No change occurred in the quotations, and the market was firm. Shipments were moving in good volume to practically all consuming channels, with inquiries for export also heavy. July exports amounted to 1,224,075 pounds, valued at $22,044.

Soda Silicofluoride. — Domestic spot prices were advanced ¼c. to 4¼c. per pound in car lots and 4¾c. in less car lots. Imported material was available in limited quantities at 4¾c. to 5¼c. per pound. Business in the market was brisk.

Soda Stannate.—Nominal conditions prevailed in the market and with the situation in the metal market unsettled, it was not possible to name any price. Demand was active.

Soda Sulphate, Anhydrous. — Movement of material continued active during the past week. Price schedules were in conformity with those established previously.

Strontium Salts.—No quotations were available for the technical carbonate, while the chloride was nominal at 15c. per pound. No change occurred in the nitrate.

Tin Salts.—Anhydrous tetrachloride of tin was advanced 4½c. to the 39c. per pound basis. Quotations for Strait tin was strictly nominal at 70c. per pound. No quotations were available for tin crystals and stannous chloride of tin. The International Tin Committee increased production quotas for the third quarter of this year from 60 to 80 percent of standard tonnage. It left open the questions of making retroactive increases for 1939.

Zinc Chloride. — Quotations underwent no change, although a much finer tone prevailed in the market last week. Buying was reported as active from practically all sources.

Zinc Sulphate. — Despite the higher raw material costs, sellers were adhering to previous schedules. Shipments in the spot and contract market were better than for some time.

Acids

Demand continued comparatively active in the market for various acids last week. Many consumers, who have limited commitments to nearby requirements, were inclined to broaden their orders to build up some inventories against possibility of firmer prices. Inquiries for many acids for export reached the market, especially from South America. While the heavier buying tended to strengthen the position of the market, price schedules were maintained at previously established levels. Production of sulphuric acid during July, based on data compiled by the Department of Commerce from 56 reporting fertilizer manufacturers, amounted to 139,248 tons, against 109,969 tons in the same month a year ago. For the first seven months output aggregated 1,102,526 tons, against 1,003,233 tons in the like period a year ago.

Acetic.—Buying interest in this direction continued along broad lines last week. Price schedules were maintained at previous levels.

Chromic.—Firmness continued to prevail in the market. Shipments were moving at a good pace in practically all consuming channels.

Formic. — Consumers continued to show less hesitation in placing commitments, and orders reached the market

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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for fair size quantities. No change occurred in the quotations.

Muriatic.—Sellers were in receipt of many orders both from domestic and export sources, and the market displayed a better price tone. July exports amounted to 214,391 pounds, valued at $6,178.

Nitric.—Demand was active with spot and contract shipments reported in larger volume than for some time. No change was disclosed in the prices.

Oxalic.—A broader demand was still in evidence, with many consumers endeavoring to add to their inventories. Inquiries from South America and other countries were filling the market. Prices ruled firm.

Sulphuric.—The market enjoyed better buying support than for some weeks. Many consumers that have been ordering on a hand to mouth basis were endeavoring to cover against possible rising prices. Inquiries for export reached the market from many countries. There was a definite firming in the tone of the market, but price schedules were without alteration. Statistics on sulphuric acid, based on date reported by 56 fertilizer manufacturers released by the Department of Commerce shows production during July totaled 139,248 tons, compared with 140,580 tons the preceding month and 109,969 tons in the same month a year ago. Output for the first seven months aggregated 1,102,526 tons, against 1,003,233 tons in the like period a year ago. Consumption by fertilizer manufacturers during July amounted to 104,378 tons, compared with 106,137 tons in the preceding month and 141,935 tons in the like month a year ago. For the first seven months consumptions totaled 831,802 tons, compared with the 826,101 tons in the corresponding period a year ago. Stocks at the end of July amounted to 79,786 tons, against 80,394 tons in June and 88,392 tons in July, 1938.

Baltimore, Sept. 13.—Trading in sulphuric acid has come to something of a standstill, with producers not willing to quote prices at all and with potential buyers thrown into confusion by the jumps in the cost of raw materials and other factors. The figures of $12 per ton for 60-degree and of $15 per ton for 66-degree acid have been withdrawn and the producers are waiting to see how far the present rise in quotations will carry the market. For the present producers decline to say at what level they would be persuaded to make shipment, for in addition to other considerations they must also take into account a marking up of freight rates. Much the same state of affairs prevails with regard to oleum, in which division all previous ranges are off, so that it is no longer a case of naming $17 a ton for 20 percent supplies.

Insecticides

Seasonally quiet conditions prevailed in the domestic market for agricultural insecticides and fungicides last week. Most of the activity was centered in the export market, where shipments were moving in satisfactory volume to South America and other countries. Many inquiries reached the market from sources formerly supplied by Europe. The government weekly weather report said conditions were generally favorable in the Eastern portions of the Cotton Belt but the crop was unfavorably affected by the hot dry weather in Western and Northwestern part. The market lacked any new price features, and a generally steady to firm tone prevailed.

Calcium Arsenate.—No new developments entered the market last week. Domestic business was seasonally dull, while demand for export was quite active. Pricewise a steady to firm tone prevailed.

Lead Arsenate.—While the market was firmer, quotations failed to display any change. Most of the business was for export, with commitments here without particular feature.

Paris Green.—Quiet conditions prevailed in the market last week. The market offered no new developments as far as prices were concerned.

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Priorities Discusses Paper

How man learned from a wasp that paper could be made from wood is told in the September issue of *Priorities*, house organ of the Prior Chemical Corporation, this city. In sketching the history of paper-making the article indicates the far reaching effects on literature and learning which followed the discovery of this cheap and abundant source of pulp and process for its conversion.

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Petroleum Ass'n Studies Effects of European War

—*Continued from page* 5

Charles L. Suhr, in his address as president of the association, urged that the association cooperate more actively with the government, less the liberty prized so highly would be lost. Mr. Suhr said:—

Recently, we have had a demonstration that our industry, alone, is not capable of maintaining a proper balance between production and consumption but many are satisfied that the sovereign states have exhibited powers capable of supplementing the efforts of individual companies. I am one who believes that the August shutdowns were added evidence that there is still no need for complete Federal regulation.

However, it is apparent to me that one way that governmental regulations and burdensome restrictions can be safely averted is for the integrated units of the industry to conduct their operations so that the rights of their smaller competitors in the producing, refining, and marketing branches of the industry are not lost sight of.

Outstanding among the addresses from within the oil industry was that of James A. Moffett, chairman of the board of the Bahrein Petroleum Company, who recalled the work of the National Petroleum War Service Committee during the last war and forecast possible similar organization for national defense if the present hostilities continue for some time. Mr. Moffett said his speech was in answer to remarks he attributed to Secretary of the Interior Ickes that the oil industry operated unsatisfactorily during the war and that the price of crude oil went to $3 a barrel. Mr. Moffett continued:—

It would appear that the Secretary was misinformed by someone who might have a desire to seize the opportunity of the present emergency to take over the petroleum industry under Federal control. . . . If Mr. Ickes had asked me I would have told him that crude oil did not go to $3 a barrel; the basic supply of crude oil did not exceed $2.25 a barrel at the well and for a considerable time the top price was $2.

Shipments made abroad were a small percentage of the total daily consumption. Oil resources were not exploited and the industry was not conducted in wasteful manner. Material and drilling costs increased considerably.

The industry established minimum prices and maintained them throughout the war, generally charging prices lower than it could have very properly charged. It delivered kerosene, Diesel oil and other high-cost products, when fuel oil was not available, at the same price as fuel oil. It placed tank steamers in the danger zone at one-third the going market rate. During the winter of 1917, when everything was frozen up and it was impossible to move coal normally required, the oil industry had to take on this additional burden and supply fuel oil.

Mr. Moffett concluded by asserting that on the basis of its past war record the oil industry should be left to manage its own affairs "100 percent" in case the United States becomes involved in another war.

Joseph E. Pogue, vice-president of the Chase National Bank of New York, presented a detailed study of the economic effects of recent oil discoveries in Illinois and Michigan, concluding that the large and unregulated new production in Illinois is having a serious effect on other oil-producing States and is disturbing to all branches of the industry. Mr. Pogue, in part, said:—

It can be reasonably assumed at this time that new crude oil reserves in Illinois, already opened and to be discovered, are of major magnitude and that new fields in this State will be large producers for a number of years, exerting a sustained effect upon the oil economy. While it is obviously impossible to predict the size of pools yet to be discovered in this province, present indications definitely point towards ultimate reserves substantially in excess of those currently considered proven, perhaps double those now known.

Much of the program was given over to group conferences on technical subjects, with papers read by experts followed by general discussion. These subjects included social security taxes, catalytic cracking, and application of transportation costs to rate-making on petroleum products.

The annual banquet was addressed by Lowell Thomas and entertainment was furnished by prominent radio artists. The convention closed this morning with a breakfast at which the host was the Pure Oil Company.

Latin American Trade Of Germany $56,000,000

—*Continued from page* 3

stantially important since, with the exception of Cuba, domestic industries have not been highly developed. Total annual medicinal and pharmaceutical imports into these areas, not including Puerto Rico, are estimated at $7,000,000, of which the United States supplies from 40 to 50 percent, the remainder coming largely from Germany, the United Kingdom, and France.

In the Central American area annual imports of such products are valued at about $2,000,000—the United States supplying medicinals and pharmaceuticals valued at $1,000,000 and Germany, $500,000. The remaining 25 percent is distributed mainly between the United Kingdom, the Netherlands, and France.

In the Caribbean area total imports of such products average $5,000,000 per annum—the United States supplying approximately 40 percent, or products valued at $2,000,000, with the remainder originating mainly in Germany, the United Kingdom, France, and the Netherlands. Cuba is the leading market in the Caribbean area for such products, and is the only area in that region which has developed its domestic medicinal industry to any extent. Imports of medicinals and pharmaceuticals into Cuba approximate $3,000,000 per annum, of which the United States supplies 50 percent.

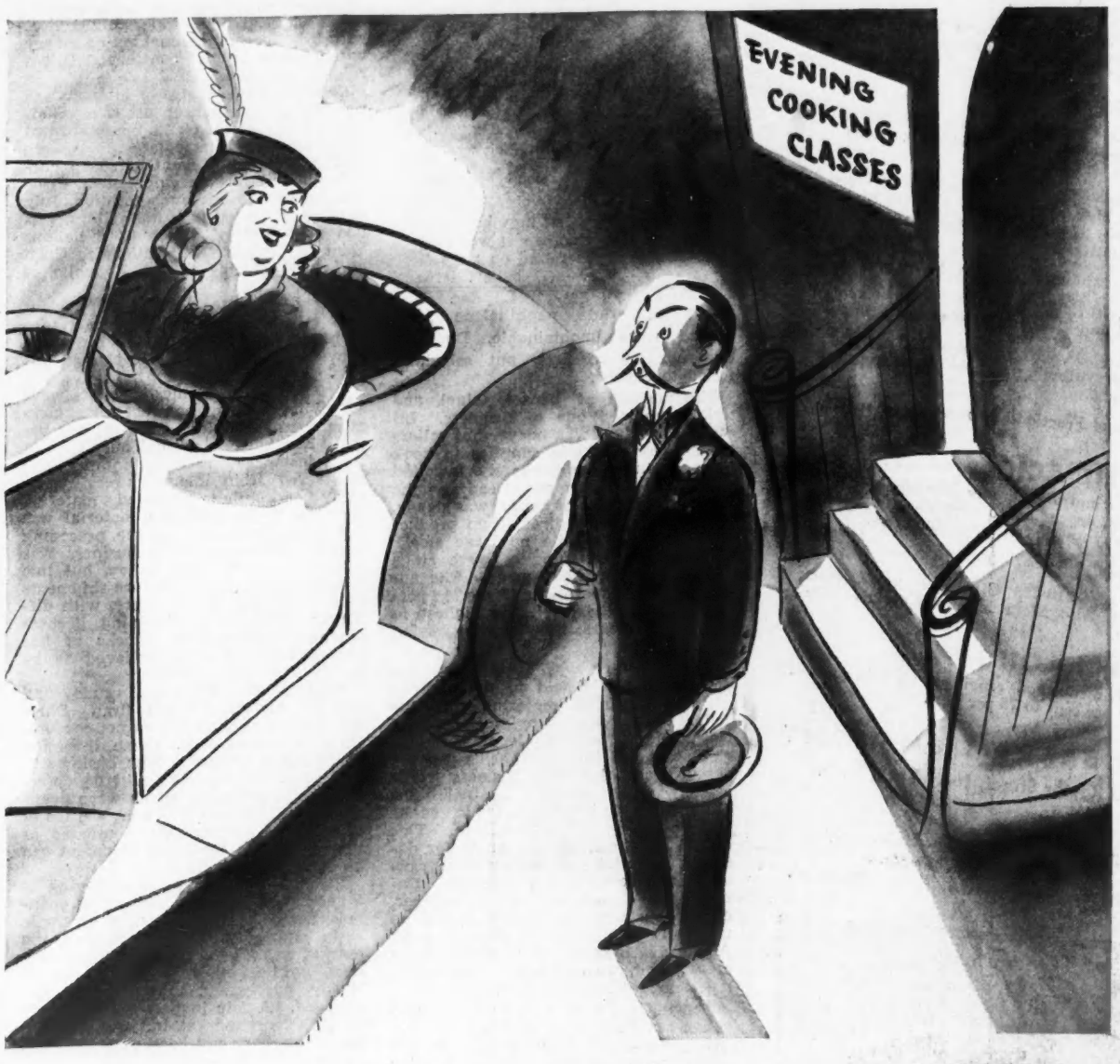
German medicinal exporters have not made as much headway in Central America and the Caribbean areas as they have on the South American continent. Official returns indicate that Germany's medicinal exports to these areas have been in the neighborhood of $1,000,000 per annum, or about 15 percent of the total amount imported.

Cuba has been the leading market in the Caribbean area for German medicinals, taking in 1938 products valued at $400,000. In the Central American area Gautemala leads as a purchaser of German medicinals, taking in 1938 products valued at $185,000; followed by El Salvador with $135,000; Costa Rica, with $110,000; and Nicaragua, with $56,000, official German statistics show.

Mexican statistical classifications are so arranged that it is impossible to ascertain the exact amount of medicinal products imported into that country, but estimates indicate that the total is in the neighborhood of $5,000,000 annually. Of this amount, Germany has accounted for products valued at $2,500,000 or 50 percent of the total, and the United States, and France around $1,000,000 each. The balance originates largely in the United Kingdom, and Switzerland.

Although Mexico imports a number of medicinal products in their final form, ready for the retailer, the market is primarily one for the bulk products destined for elaboration or repackaging in local laboratories, some of which are branch plants of foreign manufacturers. This is particularly true, it is pointed out, of lines which enjoy volume sales in that market. Generally, only the very expensive proprietaries, or those whose manufacture requires complicated or highly effective equipment, are imported in original containers.

Analysis of American trade returns indicates that shipments of medicinals to that market consist largely of elixirs, tinctures, extracts in liquid form and tablets, pills, capsules, powders and similar preparations in other forms. Considerable quantities of ointments, salves, and other preparations for coughs and cold are shipped from the United States to the Mexican markets, as well as glandular products and medicinal plasters.



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Meta-Para Cresol. Standard grades having boiling ranges of 2° C. 3° C. and 5° C. with Meta Cresol content—57 per cent, 55 per cent and 52 per cent respectively.
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Coaltar Chemicals

Imported Cresylic Acid Nominal—Supplies of Crude Naphthalene From Abroad Obscure—Benzol, Toluol and Xylol Remain Firm —Active Demand for Coaltar Colors and Intermediates

A broader buying interest was manifest in the market for coaltar chemicals last week. Inqury for domestic cresylic acid and naphthalene was very good. However, shipments were usually confined to normal contract withdrawals. The situation in imported cresylic acid and naphthalene was about unchanged. Stocks of imported acid were nearly depleted and the market was nominal around the quotation established the preceding period. Shipments of crude naphthalene from abroad were unobtainable. Domestic quotations were firm, but schedules failed to change.

The position of benzol, toluol and xylol remained one of firmness. Inquiry for toluol was heavy, but sellers lacked any available supplies to book new business, and merely awaited shipments to consumers already on the books. Movement of benzol was steady, and material came direct from production channels. While no large stocks of xylol existed, supplies were sufficient to supply the demand. The advance in steel operations to the 74.4 percent of capacity level, the highest in nearly two years, was an encouraging factor.

While inquiry was quite heavy for domestic cresylic acid in the absence of any imported material, domestic sellers were only supplying contract consumers at current levels. Future shipments of imported acids remain obscure, and the little business transacted was on a strictly nominal basis. Shipments of imported crude naphthalene were still unavailable. This caused some additional inquiry for domestic material, but sellers were cautious in accepting new business. Demand for phenol was good, however, export business was not regarded as unusually heavy at the present time. A steady interest was displayed in creosote oil, with supplies adequate to meet current requirements.

Demand for most coaltar colors was active. Sellers were limiting transactions to normal requirements in the majority of instances. Export inquiry was heavy, while supplies of imported material were believed adequate for the next few months at least. No unusual demand existed for intermediates, although sellers could point to a steady movement, especially to dyestuff manufacturers. Exports of coaltar intermediates during July totaled 461,344 pounds, valued at $85,908. Imports during July totaled 12,735 pounds, valued at $13,257. Coaltar acids, particularly fumaric and maleic were well taken by usual consumers. July exports were 42,491 pounds, valued at $12,132.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.2	125.2	125.2	125.9

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The position of the market underwent relatively little change last week. Shipments were moving direct from production channels, and prompt delivery was reported in practically all instances. However, no excess material was on the market, and bookings so far will absorb output during the remainder of the month. There was little export business uncovered, with most shipments for domestic account. Prices ruled firm. Steel operations were scheduled at 70.2 percent of capacity, the highest level in nearly two years. Current operations are the highest since 74.4 percent in the week of September 27, 1937. In the corresponding week of last year the rate was 45.3 percent. The approximate annual production capacity of benzol in India at the present time is 170,000 gallons, according to authentic estimates. This benzol is scrubbed from coke oven gas by creosote oil and recovered by distillation, according to the American Trade Commissioner at Calcutta.

Carbazole.—A firm price tone prevailed in the market, but quotations were retained at previous levels. Buying interest came principally from dyestuff and intermediate manufacturers.

Coaltar.—Movement of crude and refined material was moderately active, with usual consumers making necessary withdrawals against contracts. Prices ruled unchanged.

Creosote Oil.—A steady interest was reported in the market last week. Supplies were adequate to meet current withdrawals. No immediate effects were looked for in the event of sharp curtailments in foreign shipments. Price schedules were without alteration. July exports amounted to 10,801 gallons, valued at $2.999, of which 5,238 gallons went to Canada; 2,340 gallons to Cuba and 1,764 gallons to the Republic of Panama.

Cresol.—A better demand was evident in some directions for various grades of material. The synthetic resin trade provided a steady call. No change was disclosed in the quotations.

Cresylic Acid.—Domestic sellers were supplying regular contract consumers at current schedules. Business was usually restricted to normal quantities in most instances. A broad inquiry was uncovered from many sources previously consuming imported material. Activity in the imported material was not quite as panicky as the preceding period. However, some business was transacted at 70c. per gallon, but this was entirely nominal. Future shipments from abroad remain obscure, with difficulty encountered obtaining licenses among other factors. Stocks of imported material were believed to be nearly depleted.

Naphthalene.—Domestic crude and refined quotations were firm. Shipments were moving to contract consumers at a normal pace. Some discretion was used in accepting new business at this time. As far as could be determined no actual shipments were available from abroad. However, a price of $2 per 100 pounds was mentioned as the offering in the event shipment can be arranged.

Phenol.—Shipments were moving at a good pace to major consuming channels again last week. The synthetic resin and plastic trade provided the market was a good portion of the business, while other consumers were steady purchasers. Prices were unchanged. A fair inquiry was reported in the export market, but so far actual shipments have not been very heavy.

Pitch Coaltar.—A routine interest prevailed in this direction. Pricewise a steady to firm tone prevailed.

Pyridin.—Demand for the refined and denaturing grades were in line with production schedules, and the position of the market was firm.

Tar Acid Oils.—Spot and contract withdrawals were fairly steady from most consuming channels throughout the past week. Price schedules were in conformity with those prevailing previously.

Toluol.—Conditions in the market were unaltered. Shipments were moving direct from production to consumers booked on contract, however, supplies were not adequate to cope with the demand and additional quantities or new business was not considered. Prices were unchanged, and the tone of the market continued very firm.

Xylol.—While the market was in a firm position, supplies were sufficient to fill existing demand, and shipments were moving to the surface coating trade in good volume.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Chicago Coaltar Bases

Continued interest in coaltar bases is noted in the market currently, with buying quite brisk and the price structure generally firm. Trade is on a somewhat broader basis than recently, and the buyers seem willing to take a somewhat more extended view of their needs than previously. Benzol is in good demand. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 29c.; solvent naphtha, 26c.; creosote oil, grade 1, 13c. to 14c.

Coaltar Acids

Broenner's.—Quotation was firm at the $1.11 per pound level. While shipments did not move in large quantities, the call was quite steady from usual consuming channels.

Cleve's.—Spot and contract business was moderate during the past week. Pricewise a steady to firm tone predominated.

Fumaric.—Sellers could point to a satisfactory amount of replacement business from important consuming sources last week. Quotations were in line with those recorded previously.

Gamma.—The market experienced no unusual developments. Demand was about normal, and no change was disclosed in the quotations.

Laurant's.—A routine buying interest prevailed in this direction. Sellers were adhering to quotations in force previously.

Maleic.—A moderately active demand was manifest in the market during the past week. Quotations were unaltered, and the tone of the market held firm.

Sulphanilic.—A fair movement of technical material was reported in most quarters last week. No change occurred in the prices.

Other Intermediates

Alphanaphthol.—Prices remained the same, but the undertone was somewhat firmer. Usual consumers provided the interest for moderate quantities as a rule.

Anilin.—A better inquiry was uncovered from dyestuff manufacturers, with spot and contract shipments moving in comparatively good quantities. Quotations ruled unchanged.

Benzidine Base.—Consumers entered the market on a broader scale in some instances, and the market fully retained its firm position.

Diethylanilin.—A steady to firm price tone characterized the trading during the past week. A steady movement of moderate quantities was the rule.

Dimethylanilin.—Shipments were moving against contracts at a steady pace, with many consumers displaying less hesitation than heretofore. Prices were firm.

Dinitrochlorobenzene.—No new developments were uncovered in the market. Buying was regarded as satisfactory, and no change occurred in the prices.

Dinitrophenol.—Sellers were adhering to quotations previously in effect. Spot and contract business was fairly active.

Dinitrotoluene.—A slightly better interest was displayed in the market last week. Quotations were steady to firm.

Nitrobenzene—The market received ample buying support from many consumers, who were making necessary replacements. Prices were without alteration.

—Continued on page 29

U.S. Dye Imports Up Sharply in 1939

Imports of coaltar dyes into the United States, entered for consumption, increased to 3,270,716 pounds, in the first six months of 1939 from 1,221,348 pounds in the corresponding half of 1938 and 1,903,331 pounds in the January-June, 1937, period. Imports from Germany during the first half of 1939 advanced to over 2,000,000 pounds from 676,000 pounds in the first semester of 1938. Imports of coaltar dyes by country of origin shown in quantity were as follows during the respective periods:—

	Pounds—January-June	
Country	1938.	1939.
Germany	676,331	2,087,084
Switzerland	501,810	1,042,135
England	5,302	48,520
France	26,697	72,209
Netherlands	10,762	20,688
All other	446	80

Peoples Gas Light & Coke Company, Chicago, redeemed August 1 at 100.25 and accrued interest, $500,000 of serial promissory notes, due May 31, 1940.

Wartime Effects on Prices

—Continued from page 3

Coaltar Chemicals

	Price in 1913.	War period high and date.			Price July 1, 1939.	Price Sept. 15, 1939.
Acid, benzoic	.23	9.00	(Dec.,	1916)	.43	.43
Picric	.50	1.50	(May,	1916)	.35	.35
Salicylic	.25	4.25	(April,	1916)	.33	.33
Anilin oil	.10½	.95	(Dec.,	1916)	.15	.15
Benzol, 90%	†...	.90	(March,	1916)	.16	.16
Bismarck brown R	.45	1.25	(Feb.,	1918)	.37	.37
Creosote oil	†...	.55	(July,	1918)	.13	.13
Fuchsin, basic	3.00	11.25	(March,	1918)	2.10	2.10
Naphthalene, flake	.02¼	.16	(March,	1916)	.05¾	.05¾
Nitrobenzene	.06½	.25	(Feb.,	1917)	.08	.08
Phenol	.08½	.18	(Feb.,	1918)	.13	.13
Solvent naphtha	†...	.30	(Jan.,	1917)	.26	.26
Toluol	†...	0.00	(Feb.,	1918)	.22	.22
Vat indigo	.42	1.50	(May,	1917)	.15	.15
Xylol	†...	1.20	(Feb.,	1917)	.26	.26

Dyestuffs, Textile, Leather Chemicals

Albumen, egg	.42	2.40	(July,	1918)	.60	.62
Annatto seed	.07	.17	(Jan.,	1917)	.06½	.06½
Antimony salt	.11½	.75	(Nov.,	1918)	.25¾	*.25¾
Cochineal	.45	1.00	(Nov.,	1918)	.35	.35
Cornstarch	3.17	9.00	(June,	1918)	2.50	*2.75
Dextrin	3.17	9.00	(June,	1918)	3.70	*3.90
Fustic, ext., solid	.08	.55	(Jan.,	1916)	.17½	.17½
Gambier	.04½	.40	(Dec.,	1916)	.06¾	†...
Indigo	.75	3.75	(July,	1918)	1.63	1.63
Logwood ext., sol.	.06	.90	(Jan.,	1916)	.15	.15
Myrobalans	28.00	68.00	(Feb.,	1917)	25.50	*30.00
Potash bichromate	.06¾	.50	(Sept.,	1917)	.08⅞	.08⅞
Potash prussiate	.14	1.30	(Jan.,	1918)	.14	.15
Quebracho	.04¾	.20	(Jan.,	1916)	.03¾	†...
Soda prussiate	.10½	.75	(June,	1918)	.09½	.10½
Sodium bichromate	.04⅝	.35	(Dec.,	1919)	.06⅞	.06⅞
Sumac, ground	15.00	150.00	(Feb.,	1919)	66.00	*78.00

Paint, Varnish, and Lacquer Materials

Asphaltum	36.00	60.00	(March,	1919)	50.00	50.00
Barytes	19.00	40.00	(Aug.,	1920)	22.85	22.85
Carbon black	.04	.40	(May,	1918)	.03¾	.03¾
Casein	†...	.20	(Dec.,	1918)	.08¾	.17
China clay, dom.	8.00	25.00	(March,	1919)	9.50	9.50
Chrome yellow, C.P.	.11	.35	(March,	1918)	.14½	.14½
Copal, Manila, small chips	.15	.20	(May,	1920)	.08¼	.08⅞
Dammar, Batavia	.20	.60	(March,	1920)	.11⅞	.13¼
Iron blues	.30	1.50	(July,	1917)	.36	.36
Litharge	.06¾	.12½	(July,	1917)	.0635	.0685
Lithopone	.03¾	.08¼	(July,	1920)	.04¼	.03¾
Orange mineral, Amer.	.08½	.15	(July,	1917)	.10½	.11
Red lead	.07	.13	(July,	1917)	.07¾	.08½
Shellac, T.N.	.21½	1.60	(Jan.,	1920)	.09½	*.12
Sienna, Ital., burnt	.04	.16	(Jan.,	1920)	.12¼	.12¼
Talc, Amer.	15.00	40.00	(July,	1918)	14.00	14.00
Turpentine	.45	2.65	(April,	1920)	.34½	.36½
Umber	.03	.07½	(Oct.,	1917)	.02⅞	.02⅞
White lead	.05¾	.11	(July,	1917)	.07¼	.07¼
Zinc oxide, Fr., red	.07	.17½	(April,	1917)	.07½	.07½

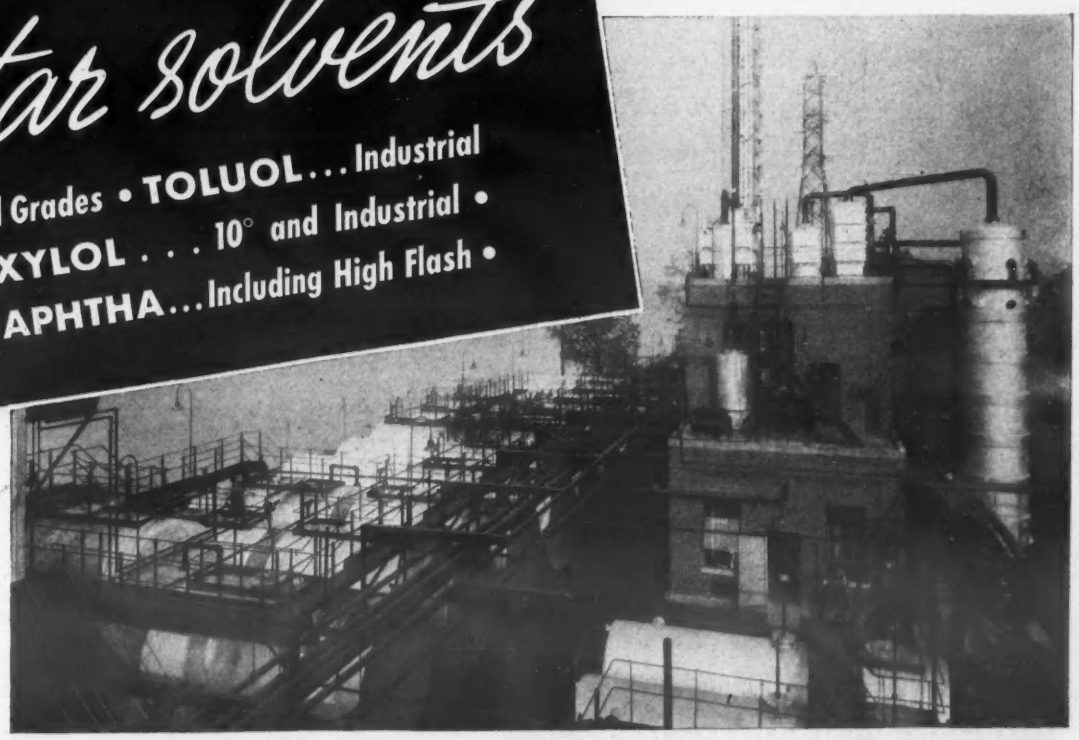
* Nominal. † No price.

—Continued on page 52B

KOPPERS

Coal tar solvents

BENZOL... All Grades • TOLUOL... Industrial and Nitration • XYLOL... 10° and Industrial • SOLVENT NAPHTHA... Including High Flash •



OTHER KOPPERS CHEMICALS AND SOLVENTS

Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—99%, pale, low-boiling. Insecticide Grades—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous-base Paints . . . Coal . . . Coke . . . Tanks and Tank Work . . . Removal and Recovery Systems . . . Gas Plants . . . Fast's Self-aligning Couplings . . . American Hammered Piston Rings . . . Pressure-treated Lumber

The experience gained by Koppers in developing, designing and constructing a large proportion of the plants in which coal tar solvents are recovered in this country enables Koppers to produce coal tar solvents of great uniformity and dependable quality.

KOPPERS COMPANY . PITTSBURGH, PA.

Coaltar Chemicals

Other Intermediates

—*Continued from page 28*

Orthonitrotoluene. — Quotation remained at the 9c. per pound level, however, the tone of the market was somewhat firmer. Demand was along normal lines.

Paranitrololuene. — Firmness prevailed in the market throughout the past week. Shipments were moving at a moderately active pace.

Phthalic Anhydride.—Shipments were moving to the synthetic resin and plastic trade in good volume, while other consumers were well represented also. Prices ruled firm.

Sodium Picramate. — Business was steady, and consumers were making withdrawals commensurate with improved production requirements. No change was recorded in the prices.

Xylidin, Mixed.—A firm price tone predominated in this direction. Demand was about routine during the past week.

Coaltar Colors

A broad buying interest continued to prevail in the market last week. Sellers were in receipt of numerous orders and inquiries. However, in most instances business was confined to regular withdrawals. Export inquiries were reaching the market from numerous sources. Supplies of imported material were believed adequate for the next few months. Current shipments from abroad were limited. No change was reported in the prices, but a firmer tone prevailed in most divisions. Five new Spring colors for women's shoes were announced by the Textile Color Card Association. The new colors are:—Bluejacket, a dark navy; airway blue, a light navy; turftan, a russet shade; malbu beige, a neudish brown, bluejacket, and india brown, a repeated color, will appear in the women's shoe and Leather Card under the heading of basic colors. In addition to the above are eight pastels, called:—Blue petal, capri pink, sunny yellow, blue sea, bali coral, parma rose, tropic line and aloha violet. Two patriotic colors are named federal blue and patriotic red.

Obituaries

John Wesley Van Dyke

John Wesley Van Dyke, chairman of the directorate of the Atlantic Refining Company, Philadelphia, died in a hospital September 13 after an illness of several months. He was eighty-nine years of age.

Born in Mercersburg, Pa., Mr. Van Dyke received his early education at the Tuscarora Academy, in Juniata county, and at eighteen years of age started his business career in the Ven-

J. W. Van Dyke

ango county oil fields, where he was employed first as a pumper, then as a tool dresser and finally as a driller. Before he was twenty-one years of age, Mr. Van Dyke went into producing on his account by taking up a lease in Reno, Pa., where he drilled two wells.

In 1873 he entered the employ of the Standard Oil Company, being assigned to its Long Island City refinery. At the end of six years he was sent to Brooklyn to take charge of a Standard Oil refinery, where he remained until 1886 when he was sent to Lima, Ohio, where he constructed the plant for the Solar Refining Company, and after the erection of which he was named general manager and vice-president of the company. While at Lima, Ohio, Mr. Van Dyke, working with Herman Frasch, a chemist, evolved various processes for the refining of sulphurous oils. At about the same time he developed a method for increasing the producing life of well in limestone formation by the injection of muriatic acid into the wells under pressure. In 1903 he went to Philadelphia as general manager of the Atlantic Refining Company, then a unit of the Standard Oil. In 1905 he was elected vice-president and the operating head. When the Supreme Court of the United States ordered the dissolution of the Standard Oil Company in 1911. Mr. Van Dyke was named president of the company. He was credited with the design of the first modern service station, which was opened in Pittsburgh in 1915. He had been chairman of the company since he resigned as president in 1927. Surviving is a niece.

Dickson Q. Brown

Dickson Queen Brown, former vice-president and treasurer of the Tidewater Oil Company, died September 11 in his home in this city. He was sixty-six years old.

Born in Pleasantville, Pa., Mr. Brown attended Phillips Exeter Academy and graduated from Princeton University in 1895. He joined the Tidewater organization, of which his father was president, in 1899 as acting assistant mechanical engineer of refining. He subsequently became vice-president. He was also named vice-president in 1931 at the formation of the Consolidated Royalty Corporation, which involved the merger of seven of the largest oil royalty companies in the United States. He resigned in 1936. He had been active in alumni affairs of Princeton University, and was one of the group which incorporated the Princeton Club in New York in 1899. Surviving is his wife.

Canfield Jordan

Canfield Jordan, president of the W. H. & F. Jordan, Jr., Manufacturing Company, chemicals, Philadelphia, died September 12 in a hospital in Chestnut Hill, Pa. He was fifty-seven years of age.

A native of Philadelphia, he was descended from Jasper Yeates, who settled in this country in the 17th Century. His great-great-grandfather was Frederick Jordan, who fought at Yorktown, and another ancestor was William Henry, a member of the Continental Congress. The Jordan Company was founded in 1778.

Surviving are his wife, Blanche Williams Jordan, four sons, William Henry, Thomas Canfield, James Caldwell and John Bevan Jordan, and a sister, Mrs. Emily Jordan Benerman.

William Lilly

William Lilly, president and treasurer of the William Lilly Varnish Company, Indianapolis, died August 25 in a hospital in Lafayette, Ind., from injuries suffered in an automobile accident. Mr. Lilly, a former president of the Indianapolis Paint, Oil and Varnish Club, founded the William Lilly Varnish organization in 1924, after serving as sales-manager for the A. Burdsal Company, which organization he joined following the sale in 1921 of the Lilly Varnish Company. He joined the Lilly Varnish Company in 1905, the year of his graduation from University of California. Surviving are two sons and a daughter.

Henry C. Cowles, professor emeritus of botany at the University of Chicago and former president of the Botanical Society of America, died September 12. He was seventy years of age.

Judge Marion De Vries, former presiding judge of the United States Court of Customs Appeals, who served as counsel for three years from the inception of the Synthetic Organic Chemical Association in 1922, died September 11 on his ranch near Lodi, Calif. He was seventy-four years of age.

Mrs. James B. Grant, wife of the chairman of the directorate of the Potash Company of America, died September 9 in her home in Denver, after a long illness. In addition to her husband, a son and daughter survive.

William S. Gregg, advisory director of the legal department of E. I. duPont de Nemours & Co., Wilmington, died September 14. He was sixty-five years of age.

Frederick G. Kiesel, former manager of the paint department of the Pittsburgh Plate Glass Company in Buffalo, died unexpectedly in his home September 12. He had been recovering from injuries suffered in an auto accident. Mr. Kiesel had been with the Pittsburgh company for nearly forty years.

Dr. Charles Ladd Norton, who was credited with inventing asbestos shingles and homogeneous asbestos-cement building sheets, died September 9 in his Summer home in Annisquam, Mass. He was sixty-nine years of age. Dr. Norton was director of the division of industrial co-operation at the Massachusetts Institute of Technology.

Frank Passarelli, president of the Supreme Olive Oil Company, San Fernando, Calif., died August 30 in his home in Westwood, in suburban Los Angeles. He was forty-two years of age.

Edward V. Sedgwick, former vice-president of the Galena Signal Oil Company, died in a hospital in Franklin, Pa., September 11, from the shock of a hip fracture. He was eighty-one years of age.

Mrs. Helen Wiesel, mother of J. Boiseau Wiesel, chemical engineer with the Hercules Powder Company, Wilmington, died at her Summer home in Margate, N. J., September 8. She was eighty-seven years of age. Mrs. Wiesel was the widow of John M. Wiesel, who had conducted a drug store in Baltimore for forty years. In addition to the son mentioned, she is survived by another son, the Rev. J. Wiesel, S. J., former president of Loyola College, Baltimore.

Willard I. Wilcox, a teaching fellow in the University of Michigan chemical engineering department, was killed September 11 by an explosion while conducting a research experiment with natural gas in a university laboratory. He was twenty-eight years of age.

Baltimore Production Club Slate Headed by Shuger

Leroy Shuger, of the Baltimore Paint & Colors Works was nominated for the presidency of the Baltimore Paint and Varnish Production Club at a meeting September 9. Other nominees are:—Vice-president, Roswell B. Shurts, of the Farboil Company; treasurer, S. Ira Wilber, of the Crown Cork & Seal Company; and secretary, David N. Finck, of Hanline Brothers. R. E. Troutman, of the Krebs Pigment & Color Company, discussed "Interior Gloss Paint."

National Cooperative Mill Producers' Federation will hold its twenty-third annual convention in the Hotel Congress, Washington, November 15-17.

Brack Container Corporation, Rochester, N. Y., has been acquired by the Fort Wayne Corrugated Paper Company.

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You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol — always uniform and always consistent.

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Chemical Production Proposed in Philippines

OPD Washington Bureau
September 12, 1939

A program of integrated chemical developments in the Philippines has been proposed by the National Development Company, Manila, with a view of utilizing various domestic raw materials in the production of articles now largely imported.

The plan, according to information received by the Department of Commerce from the trade commissioner at Manila, includes the organization of an operating company, to be known as the Commercial Chemical Corporation, capitalized at 20,000,000 pesos, which will operate three plants. The first will be a rayon plant to be located at the Pureza compound, Manila, where the National Development Company has a textile plant, and expected to make use of native abaca and other cheap cellulosic materials. In part contributory to this plant and also supplying domestic needs in paper, would be a pulp and paper plant somewhere near the Pasig river. This plant, it is proposed, would use waste paper, rice straw, bagasse, and other native materials.

To supply chemicals required in the rayon and pulp and paper enterprises and also to furnish chemicals for the soap and textile industries and for use as fertilizers, the proposed company would locate a plant near the government hydro-electric power plant to be constructed in Caliraya, Laguna. This plant would produce, among other chemicals, sulphate of ammonia, sulphuric acid, caustic soda, carbon bisulphide, nitric acid, and celluloid.

No definite date has been set for the organization of the Commercial Chemical Corporation. The entire plan is still in the preliminary stage and subject to approval by the National Economic Council. If the plan is approved, it is possible that the company will be organized late this year and construction of the plants started in 1940.

Copper Output Off Slightly in 1938

Copper production at domestic mines, smelters and refineries in 1938 was about one-third lower than in the preceding year, according to the Bureau of Mines, United States Department of the Interior. Stocks at the end of May were 43 percent higher than on January 1, but reduced operations brought successive monthly declines in stocks from May 31 to October 31, or a total reduction of 103,000 tons during that period. A reversal of the third quarter conditions caused increased inventories in November and December.

Salient statistics on copper in the United States are given in the following tables:—

Production of Copper

	1937.	1938.
Smelter output, lbs.	1,669,322,278	1,124,656,539
Mine production, lbs.	1,683,996,000	1,115,525,160
Copper ores, old tailings, etc., produced, short tons	*61,513,148	†
Copper ores smelted, short tons	*2,763,184	†
Average price per pound, cents	12.1	†9.8
Imports (unmanufactured), pounds	559,749,133	504,327,779
Exports of metallic copper, pounds	692,458,087	842,023,197
Stocks of refined copper, pounds	358,000,000	362,000,000
Stocks of blister and materials in solution, pounds	428,000,000	466,000,000

* Exclusive of Alaska, figures for which the Bureau of Mines is not at liberty to publish.
† Not yet available.

Carbide & Carbon Distributing Acids and Anhydrides Folder

The Carbide & Carbon Chemicals Corporation has issued a new folder entitled "Organic Acids and Anhydrides." Known as "Chemical Group Folder No. 9," this publication is one of a series of new pamphlets designed to present information on industrial organic chemical families. It describes a number of the new, commercially available organic acids and anyhydrides containing four to eight carbon atoms, and gives their physical properties in a convenient table. Recently developed processes have made it possible to make almost any anhydride of the corresponding commercially available organic acids. Already this has resulted in lower prices for propionic and butyric anhydrides. Information on these chemicals is of particular interest in view of the tremendous growth of the cellulose ester industry in the past few years. It will also be of value to those interested in plastics, pharmaceuticals, dyestuffs, perfumes, varnishes, and in a wide variety of syntheses involving the use of chemical intermediates. Copies of the folder may be obtained from the office of the company, 30 East Forty-second street, this city, by mentioning the REPORTER.

C. Wilbur Miller Files Voluntary Bankruptcy Petition

C. Wilbur Miller, former president and chairman of the board of the Davison Chemical Corporation, now the Davison Chemical Company, Baltimore, filed a petition for voluntary bankruptcy in the United States District Court September 11. In the petition he gave his total indebtedness as $3,294,504, with current assets of $9,447.

Zinc Chloride Freights Reduced to Class Rates

The Public Service Commission has approved cancellation by the New York Central (East) of its commodity freight rates on chloride of zinc carload, from Niagara Falls to various points on the New York, Ontario & Western. Advances and reductions to class rates. Effective October 5, 1939.

International Match Report Shows $3,779,127 Balance

The seventh intermediate report of Irving Trust Company as trustee of International Match Corporation filed with Oscar Ehrhorn, referee, revealed that after paying five dividends aggregating $29,788,858, equal to 30.4 percent on allowed claims against the estate, a balance of $3,779,127 remained in the trustee's hands, as of July 31, 1939.

Since issuance of the sixth report carrying trustee's operations up to December 31, 1936, trustee sold at auction to International Match Realization Company, Ltd., on July 29, 1937, the Guatemalan, Turkish and Continental Investment A. G. holdings for $7,094,270, including certain Swedish Match shares, held in escrow at 20 kroner a share. All other assets had been liquidated since then, with the exception of 100 shares of Vulcan Match Company, and account receivable from that company, and claims filed in other bankruptcy proceedings.

Insecticide Working Knowledge In General Chemical Booklet

A working knowledge of insecticides and fungicides, telling what they are and how they are used has been prepared in booklet form by the General Chemical Company, manufacturer of insecticidal and fungicidal agents, this city. The information presented is essentially such as to acquaint the farmer or gardener with most of the commercially available agents, their major uses and limitations. Copies of the informative little booklet may be secured by addressing the company at 40 Rector street, New York, mentioning the REPORTER.

Thiokol Corp. Offering New Powdered Material

Thiokol Facts, published by the Thiokol Corporation, Trenton, N. J., contains an article describing the development of a new powdered "Thiokol," a rubber substitute, that sticks to metal in glue-like fashion. The powdered material is sprayed on metal by the Schori gun, marketed in the United States by the Schori Process Corporatiton. In describing the application of the products the article states that as compressed air shoots the powdered rubber substitute through this gun, a gas flame fuses the material and causes it to flow on metal surfaces. Upon cooling, the powder forms a continuous film. Work now in progress indicates this film to be resistant to oils, greases and many of the acids and solvents.

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• **TOXILIC (MALEIC) ANHYDRIDE**—A uniform, white, chemically pure product of increasing importance as a raw material to producers of *quality resins and plasticizers.*

CHEMICAL SPECIFICATIONS

MOLECULAR WEIGHT	98
DENSITY	1.42 at 28° C
MELTING POINT	52.6° C
BOILING POINT	202° C

SOLUBILITY — Readily soluble in benzene, hydro-carbons, acetone, ethyl ether and chloroform.

• **PHTHALIC ANHYDRIDE**—A standardized, pure white, flake product from production sources adequate to meet your every demand.

• **OTHER RELATED CHEMICALS**—In addition, the following chemicals are now available in commercial quantities: Succinic Acid and Anhydride • Malic Acid • Fumaric Acid • Toxilic (Maleic) Acid.

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PROVIDENCE . . . . 15 Westminster St.
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PHILADELPHIA . . 200-204 S. Front St.
SAN FRANCISCO . . . 517 Howard St.
CHARLOTTE . . . 201-203 W. First St.
GREENSBORO . Jefferson Standard Bldg.
ATLANTA . . . . . 140 Peachtree St.
NEW ORLEANS . Masonic Temple Bldg.
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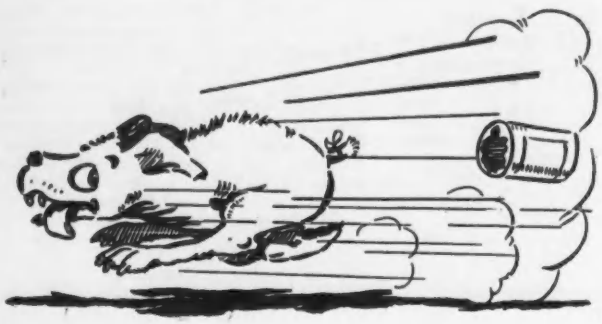

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59 John Street, New York, N.Y.

Phosphate Cargo from U.S. Seized by Britain

—Continued from page 3

war trade restrictions which cover practically all imports, according to a cablegram September 8 from the American embassy and the office of the American commercial attache in London to the Department of Commerce, Washington. Shipments are subject to either import licenses or exchange permits. Among the products under license are:—

Disinfectants, insecticides, etc., other than tobacco offal. Nicotine and nicotine sulphate.

Synthetic organic dyestuffs, and compounds or preparations made therefrom, except those not suitable for use in dyeing; organic intermediates used in manufacture of such dyestuffs.

Painters' and printers' colors and materials (the following): Paints, enamels, lacquers, varnishes, distempers, putty, printers' ink; and pigment and extenders other than the following:—Natural dyes, silica, graphite, carbon black from natural gas or acetylene, cadmium, lithopone, and luminous paints, and powders used in manufacture of luminous paints.

No import licenses will be issued for the importation into the United Kingdom of the following products:—

Acids:—Citric, formic, oxalic and tartaric.

Bleaching materials other than bleaching powder (chloride of lime); chloral hydrate; collodion; citrate of lime; salt (sodium chloride).

Sodium compounds:—Carbonate, including soda crystals, soda ash and bicarbonate; caustic; cyanide, phosphate, sulphate; silicate (water glass); soap of all descriptions.

Perfumery and toilet preparations; toilet requisites of the following descriptions:—Powder bowls or boxes and powder puffs, and parts thereof; nail polishers; nail clippers; nail cleaners and files; denture bowls. Pictures, prints, engravings and photographs (other than maps, architectural or engineering designs and hydrographic charts). Perfumed spirits.

British Foodstuffs

The British Food Defense Department, to be known in the future as the Food Ministry, is to have sole authority over the importation of all essential foodstuff into the United Kingdom, it has been reported. Organization of the new ministry is still incomplete, but it has been announced that among its functions will be the acquisition of foreign supplies of foodstuffs, the imposition of domestic price control measures, and the organization and control of distribution. Among the products of special interest to American agriculture for which maximum prices have already been fixed are margarin, lard, oilseeds, and vegetable oils.

Italian Regulations

The Italian government has made exports of fifty-eight products subject to license, for the declared purpose of protecting domestic supplies of essential commodities. Among the products affected by this measure are the following:—

Soap, ships, sulphur, airplanes, automobiles, metals, including iron and steel, yarns, raw and artificial silks, fats, including olive oil; and various food products, including almonds, walnuts, hazelnuts and lemons.

Netherlands Restrictions

The Netherland Indian government has imposed prohibitions on the exportation of various articles, including the following:—

Basic foodstuffs, margarin and refined edible oils, soap, raw cotton, coal, phosphates, sulphur, oxygen, iodine, sulphuric and carbolic acids, cement, base metals (except tin), silver and silverware, paper, leather, rubber tires, rope.

Norway Exports

The Norwegian government provisionally restricted the exportation of a number of raw materials and certain other essential articles, including aluminum, saltpeter, codliver oil, ships' supplies, pulp, paper, pyrites, coaltar pitch, and synthetic fertilizers in any form, and also to dyestuffs (textile colorings), according to a report received in the Department of Commerce from the office of the American commercial attache in The Hague.

Soviet Goods

An announcement was carried in the Soviet press of September 9 that the Soviet Government has authorized the Peoples Commissariat for Foreign Trade to limit or prohibit the exportation of goods, as well as the delivery of goods already shipped, from the Soviet Union to those countries of which the legislation, administrative regulations, administrative or legal practice, or established foreign currency limitations, create unfavorable conditions for the foreign trade of the Soviet Union, according to a cablegram received in the Department of Commerce from the American embassy in Moscow.

In addition, the Peoples Commissariat for Foreign Trade is authorized to prohibit the exportation of goods not paid for by the purchaser prior to shipment.

U. S. Shipping

The Bureau of Marine Inspection and Navigation of the United States Department of Commerce September 14 called the attention of shippers to an amendment to the existing shipping regulations which provide that all shippers' export declarations shall be filed after October 1, 1939, in advance of clearance.

War Risk Insurance

New war-risk insurance rates were put into effect September 14, which substantially reduce the rates on shipments on board a vessel under the United States flag. In New York, underwriters reduced from 3 to 2½ percent the rate of shipments by United States flag vessels plying between the United States and the United Kingdom, and the continent of Europe, Cape Finisterre to Holland inclusive, and Norway not south of Bergen. On goods shipped on belligerent flag vessels, excluding German, sailing by the northern route to and from these ports, the rate is 7½ percent of the shipments value; by other neutral flag vessels, excluding Italian, and not calling at belligerents' ports, 3¾ percent; and by netural vessels, excluding Italian and United States, calling at belligerent ports, 5 percent.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Casein:—Norway has fixed an import duty of 0.25 crowns per kilo on casein.

Cyclohexylamine:—The United Kingdom Board of Trade has received an application to exempt cyclohexylamine from the key industry duty.

Edible Oils: — A Uruguayan decree, becoming effective November 7, 1939, established regulations for the registration of importers of edible oil and the labeling of containers of such oils.

Fertilizers:—The import duty of 25 percent ad valorem on fertilizers unspecified in the Syrian and Lebanon customs tariff has been removed.

Linseed Oil: — The Swedish general tax on imported linseed cake and meal has been increased to 0.05 crown per net kilo, and on other oil cake and related products to 0.07 crown per net kilo.

Metaxylene: — The United Kingdom Board of Trade has received an application to exempt metaxylene from the key industry duty.

Margarin:—The Swedish import duty on margarin has been increased to 0.75 crown per kilo.

Phosphate Fertilizer:—A new classification for phosphate fertilizer materials obtained as by-products in annealing has been established in the German customs tariff, with the duty fixed at 12 reichmarks per 100 kilos for nitrogenous types and 5 reichmarks per 100 kilos for other types.

Phosphorus Paste.—The import prohibition in Madagascar on phosphorus paste for making matches has been discontinued.

Seeds:—A Uruguayan decree has established regulation governing the importation of seeds. All shipments will be subjected to a charge of 0.50 peso per 100 kilos or fraction thereof for the first 10,000 kilos; 0.25 peso per kilo or fraction thereof for the second 10,000 kilos; and 0.10 peso per 100 kilos or fraction thereof for any amount over 20,000 kilos.

Shellac:—The United Kingdom will admit duty-free shellac, seed lac and stick lac, and other varities of these lacs from all sources during the life of the Anglo-Indian trade agreement, which became operative August 15, 1939.

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Bids Wanted

Acid, Acetic:—7,200 pounds; Contracting Officer, Materiel Division, Wright Field, Dayton; procurement 201, opening September 21.

Phosphoric:—5,600 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 80, opening October 2.

Acid, Sulphuric:—300,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 313, opening October 5.

Acetylene Tetrachloride: — 5,850 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 80, opening October 2.

Alcohol, Ethyl:—52,000 gallons; Edgewood Arsenal, Md.; procurement 77, opening October 2.

Alumina Sulphate:—60,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-11, opening September 28.

Ammonia, Anhydrous: — 20,600 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 83, opening October 2.

Asphalt:—20,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 120, opening September 25.

Barium Peroxide:—3,750 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 287, opening September 19.

Benzene:—180,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 312, opening October 5.

Blue Vitriol:—5,400 pounds; Contracting Officer, Fort Monroe, Va.; procurement 570-11, opening September 28.

Calcium Chloride:—55,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 80, opening October 2.

Calcium Chloride:—15,700 pounds; U. S. Engineer Office, Omaha, Neb.; procurement 61, opening September 18.

Carbon, Activated:—2,500 pounds; Contracting Officer, Fort Monroe, Va.; procurement 570-11, opening September 28.

Tetrachloride:—3,500 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 124, opening September 25.

Chlorosulphonic Acid-Sulphur Trioxide Solution:—180,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 94, opening October 2.

Chlorine:—3,750 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-11 opening September 28.

Copperas:—20,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 322, opening September 18.

Floor Hardener:—1,800 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3600, opening September 25.

Gasoline:—5,000 gallons; U. S. Engineer Office, Huntington, W. Va.; procurement 53, opening September 20.

Lead, Pig:—60 tons for Brooklyn; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 7213, opening September 22.

Lead, Pig—660 tons for Eastern yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 7213, opening September 22.

Red:—4,998 pounds, Commanding Officer, Augusta Arsenal, Ga.; procurement 7, opening October 3.

Sulphocyanate:—1,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 287, opening September 19.

White:—1,000 pounds; Commanding Officer, Augusta Arsenal, Ga.; procurement 7, opening October 3.

Lime:—30,000 pounds; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 570-11, opening September 28.

Nitrocellulose:—1,451,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 327, opening September 25.

Oil, Fuel:—1,700 barrels; U. S. Engineer Office, Federal Building, Buffalo, N. Y.; procurement 30, opening September 22.

Petrolatum:—40,120 pounds for Chicago; Procurement Division, Veterans Administration, Washington; procurement 45, opening September 21.

Scouring Powder:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3600; opening September 25.

Soap, Chip:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3600, opening September 25.

Grit:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3600, opening September 25.

Soda Phosphate:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3600, opening September 25.

Sal:—12,000 pounds; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 60611, opening September 21.

Starch, Corn:—34,000 pounds for Eastern yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 7109, opening October 10.

65,000 pounds for San Diego; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 7109, opening October 10.

Strontium Oxalate:—800 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 287, opening September 19.

Peroxide:—2,500 pounds; Commanding Officer, Frankfort Arsenal, Pa.; procurement 287, opening September 19.

Sulphur Monochloride: — 346,600 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 80, opening October 2.

Silesian American Corporation, controlled by the Anaconda Copper Mining Company, announced it has been informed that with the advance of the German army beyond Polish Silesia, properties of its subsidiary, Glesche Spolka Agcyjna, had been taken possession of by a commissar appointed by the German government.

DuPont Cites Chemical Self-Sufficiency in U.S.

—Continued from page 5

because the importation of many important medical supplies had been cut off. Conditions bordered on panic.

Today, in sharp contrast, every important American industrial and medicinal need is being filled, and, I am confident, will continue to be filled by American factories on American soil, whatever the emergency stemming from the present European conflict. This is due in no small degree to the accomplishments of American chemistry achieved during the brief span of two decades.

It is well that we consider the conditions then and now. This country did not have a single plant in 1914 to extract nitrogen from the air and transform it into the nitrates and other chemicals so vital to agriculture, industry and national defense. Then we were almost completely dependent upon the importation of natural nitrates from Chile. Today, in contrast, America is self-sufficient in nitrates through chemistry.

Similarly, the United States produced less than one-tenth of the dyes it consumed a quarter of a century ago; even that meager proportion was made from imported intermediates. Now a great organic chemical industry that has come into being is supplying all but a trifling fraction of the country's needs, not alone in dyes but in other fine chemicals. Likewise, it produces needed medicinals in abundance. There no longer is any cause whatsoever for worry over war abroad curbing our supply of drugs.

When the World War began, the United States was almost wholly dependent upon Germany for potash, which is so essential to agriculture and industry. In recent years methods have been devised for the economic recovery of potash from America's mineral deposits. This country now produces a major part of the potash it consumes. If necessary, it can produce all it needs.

A highly essential material is rubber, imported from far away lands under foreign control. It presented a grave problem during the World War, as supplies dwindled and prices pyramided. That need not happen now. Neoprene, the chemical rubber made from coal, limestone and salt, has every promise of functioning satisfactorily in place of natural rubber. Its price, based on a small production, is less than the cost of natural rubber during the early World War days.

In 1914, America likewise was dependent upon Europe for the fine optical glass needed in the manufacture of various instruments vital alike in peace or war. Today this country is producing optical glass of a quality second to none in the world.

Camphor, used in the manufacture of plastics and photographic film as well as in medicine, was the instrument of a foreign monopoly 25 years ago. That monopoly long since has been broken. Today camphor is produced synthetically at home from southern turpentine at about 48 cents a pound, in contrast with the monopoly price of $3.65 a pound as recently as 1920.

There was no synthetic chemical equivalent for natural bristles in 1914. This country was dependent then upon shipments it could get from the far corners of the globe. Today these necessities are being met chemically through Nylon, which gives gut for surgical sutures; likewise bristles better than any taken from the hogs of China or Siberia. Further, Nylon within a few months will provide yarn for hosiery, the latest triumph of American chemistry.

These are some few examples of the hundreds of accomplishments American chemists have achieved since the last war. The diversified chemical industry, which did not exist in 1914, is well organized, well equipped, well manned today. It stands as a solid guarantee of American self-sufficiency. Never again will our industrial production, which depends upon chemistry, be disrupted by wars beyond our shores. Never again will our people be deprived of many vital medicines for the preservation of health. American chemistry is ready—ready for "the world of today and the world of tomorrow."

Magnus, Mabee Mailed Unusual Market Letter

A unique and fully descriptive letter on current market conditions was mailed last week to its customers by Magnus, Mabee & Reynard, Inc., essential oils and aromatic chemicals, this city. The letter was unusual in that it was a duplicate of one mailed by the company to the trade under date of August 6, 1914. The contents of the letter under date of twenty-five years ago, in part, said:—

Owing to present distressing conditions in Europe, practically all shipping has now been discontinued, and the outlook for resumption of same in the near future is far from favorable. Stocks of essential oils and kindred goods on this market are not large and are being depleted daily. All our previous quotations and published prices are hereby withdrawn. We respectfully recommend that you favor us with your orders as usual, and we will do our very best to fill same completely and without delay.

Barrett-Cravens Catalog Lists 176 Handling Devices

A new 172 page "vest pocket" catalog illustrating and describing 176 different materials handling devices in the Barrett materials handling equipment line is being distributed. Besides its line of lift trucks, portable elevators and container storage systems, the catalog shows the new recently introduced Barrett torpedo electric hoists. Designated "Junior Catalog No. 639," copies are available upon request from the Barrett-Cravens Company, 3255 West Thirtieth street, Chicago, by mentioning the REPORTER.

Snell, Inc., Expands Bacteriological Department

The bacteriological laboratory of Foster D. Snell, Inc., has been expanded to provide more complete facilities for that type of service. Much equipment has been added to speed up work on food and drug act determinations and for research. The new facilities permit of work with epidermal pythons such as the organism causing "Athlete's Foot" and with other special organisms in addition to the usual standard ones. Samuel S. Epstein is in charge of the department. Paul E. Grotts has been added to the staff of Foster D. Snell, Inc. He was formerly director of the Kentucky Testing Laboratory.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, citric:—Agency; Bogota, Colombia (3621).

Chlorine:—Agency; Bogota, Colombia (3704).

Chemicals, industrial: — Agency; San Jose, Costa Rica (3627).

Cosmetics:—Agency; Amsterdam, Netherlands (3620).

Dyes:—Agency; Sao Paulo, Brazil (3691).

Insecticides:—Agency; Bogota, Colombia (3690).

Pharmaceuticals: — Agency; Alexandria, Egypt (3662).

Toilet preparations:—Agency; Bombay, India (3232).

Drug Wholesalers Sales Gained 4.3% in July

Manufacturers' sales of pharmaceuticals and proprietary medicines during July totaled $1,896,000, a decrease of 4 percent from July a year ago, according to reports from twenty-one manufacturers to the Bureau of Foreign and Domestic Commerce, Washington. The cost of manufacturers' stocks July 31 for the ten firms reporting these data amounted to $4,525,000, against $4,116,000 at the end of July last year.

Sales of drugs and drug sundries by wholesalers in July amounted to $46,987,000, an increase of 4.3 percent over July last year. Wholesalers' inventories at the end of July amounted to $10,268,000, a decrease of 1.0 percent from July last year. Collections during July amounted to 77 percent of the total volume of accounts receivable outstanding at the beginning of the month. The ratio was 75 percent for July a year ago. Sales of independent drug stores in twenty-eight States totaled $9,304,374, an increase of 2.2 percent over July a year ago.

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Bichromate of Soda Chromic Acid
Bichromate of Potash Oxalic Acid

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Dyestuffs, Textile and Leather Chemicals

Bichromate Prices Extended — Potash and Soda Prussiate Higher —Corn Derivatives Easier—Raw Tanning Materials and Extracts Advance—Blood Albumen Firmer—Egg Products Up

Business continued active and prices fluctuated on a broad front in the market for dyestuffs, textile and leather chemicals last week. Consumers were anxious to obtain materials as soon as possible, in view of the generally firmer tone in practically all items. In many instances stocks were depleted or very limited, bringing about withdrawal of prices or normal quotations. This situation was particularly evident in raw tanning products and many sizing materials. Changes were quite numerous on the upside, with corn derivatives recording the only decline.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Albumen, blood, light, dom., 3c. per lb.
Albumen, egg, dom., 2c. per lb.
imported, 3c. per lb.
Chestnut, bark, ext., ⅛c. per lb.
Egg yolk, imp., 2c. per lb.
Gambier, Singapore cubes, 1½c. per lb.
Hemlock ext., ⅛c. per lb.
Myrobalans, JI, $6 per ton
J2, $2 per ton
ext., pwd., 1c. per lb.
Nutgalls, Alleppo, 6c. per lb.
Potash prussiate, yellow, 1c. per lb.
Sago flour, ½c. per lb.
Soda prussiate, spot, 1c. per lb.
Starch, potato, ½c. per lb.
wheat, thickboil, ¼c. per lb.
Sumac, ground, $12 per ton
leaf, $13 per ton
Tapioca flour, ½c. per lb.
Turmeric root, Alleppo, 1c. per lb.
Madras, 1c. per lb.
Valonia, beards, $12 per ton
cups, $12 per ton
Wattle bark, African, $4 per ton
extract, 1½c. per lb.
Zinc dust, ¼c. per lb.

Reduced

Corn sugar, tanners, 10c. per 100 lbs.
Dextrin, corn, 10c. per 100 lbs.
Starch, corn, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.3	139.8	134.2	150.0

Market news that may have developed after this report was sent to press will be found on page 4.

Quotations for potash and soda bichromate will remain firm for the next quarter. Bookings were very heavy from domestic channels over the next few months, while export orders, particularly from South America, flooded the market. Spot and contract prices for yellow prussiate of potash were advanced, while no prices were obtainable for the red material. Spot prices for yellow soda prussiate were higher. Zinc dust advanced with the metal. Nominal conditions prevailed in the market for castor, olive and tallow sulphonated oils, with prices on a day-to-day basis. Stocks of antimony salt were limited, and the market was nominal.

Corn derivatives, including tanners corn sugar, dextrin and starch, were lower, but prices were nominal, subject to change from day to day, depending on the basic commodity. Domestic and imported egg products were firmer. Light blood albumen was higher, reflecting the shortage on domestic material. Nominal prices prevailed for sago flour, tapioca, potato starch and wheat starch, and prices were higher.

Quotations for myrobalans, sumac, valonia and wattle barks were higher, and the market was strictly nominal, including various extracts. No quotations were available for quebracho. Chestnut and hemlock extracts were firmer. Nominal prices prevailed for gambier Singapore cubes and plantation, with no prices obtainable for the common. Turmeric was higher, but quotations were nominal.

Chemicals

Antimony Salt.—The market was nominal. Only limited supplies of material were available, and future costs were uncertain. Sellers were not adhering to any particular price basis at this time.

Potash Bichromate.—Domestic consumers entered the market for good size quantities last week. Export inquiry was heavy, particularly from South American countries. Prices were unchanged, and contracts will be extended into the final quarter at the same levels.

Potash Prussiate.—Quotations for the red material were withdrawn. Spot and contract quotations for the yellow advanced 1c., ranging from 15c. to 16c. per pound.

Soda Bichromate.—Domestic and export business was active during the past week. Many consumers were building inventories, but sellers were limiting commitments to regular contract allotments in most instances. Prices were firm, and contracts will be renewed for the final quarter at prevailing levels.

Soda Prussiate. — Spot quotations were 1c. per pound higher, making large quantities 10½c. per pound, and smaller amounts 10¾c per pound. Contract quotations were without change. Business was brisk last week.

Sulphonate Oils.—Quotations for castor, olive and tallow sulphonated oils were nominal. With basic material costs fluctuating daily, it was difficult for sellers to determine replacement costs and adhere to any particular schedule. Demand was quite active during the past week.

Zinc Dust.—Another fractional advance occurred in the market, reflecting the ¼c. advance in the basic metal. Car lots, barrels delivered were 8¼c. per pound and less car lots, 8¾c. per pound.

Dyestuffs

Annatto.—Limited supplies were available, sellers were providing regular consumers at the same prices for the present. July imports of annatto and extracts totaled 57,950 pounds, valued at $2,071, of which 35,000 pounds came from Ecuador and 22,150 pounds from Jamaica.

Archil.—Quotations for the concentrated, double and triple extracts were firm, but sellers were retaining prices at the same basis for the present. Stocks were adequate to take care of normal consumers requirements for the present.

Cochineal. — Firmness characterized the trading, and quotations for the gray and Teneriffe were unaltered. An active inquiry was reported, with some consumers endeavoring to purchase for forward requirements.

Fustic.—No change occurred in the quotations. Sellers were able to supply consumers' immediate requirements. Demand last week was quite broad.

Logwood.—Demand was brisk in this direction throughout the past week. No change was disclosed in the prices. July imports totaled 1,523 pounds, valued at $15,235, all of which came from Jamaica.

Turmeric.—The market for the Alleppy root and Madras was nominal, sales were made at 8c. and 9c., respectively, an advance of 1c. over the previous quotations. July imports totaled 100,800 pounds, valued at $2,973, all of which came from British Malaya.

Sizing Materials

Albumen, Blood. — Prices for the domestic light material were advanced 3c. per pound, quotations ranging from 55c. to 68c. per pound. The firmness was attributed to the shortage of supplies and higher costs of raw material. No change occurred in the light grade. Practically no stocks of imported material existed, and the market was strictly nominal.

Albumen, Egg.—Domestic prices advanced 2c. per pound, making crystals 64c. to 66c. per pound; powdered, 69c. to 71c. per pound. Stocks of imported were very scarce and future supplies from China were rather uncertain with most shipments going to Europe. Imported quotations were nominal at 68c. per pound.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Corn Sugar.—Prices were 10c. per pound lower for the tanners chipped, slabs and solid material. Quotations were entirely nominal and subject to change depending on the raw commodity market. Demand was active.

Dextrin.—Various grades of dextrin were reduced 10c. per pound. The market was nominal, however, and sellers were accepting business subject to their confirmation and orders were billed at price in effect on date of shipment. Demand continued heavy.

Egg Yolk.—Domestic prices were unchanged. Imported material was 2c. per pound higher at 58c. to 59c. per pound, with stocks not very large. Business was along broad lines last week.

Sago Flour.—The market was nominal. Quotations were ½c. per pound higher at 4c. to 4½c. per pound. Prices were on a day-to-day basis, depending upon shipments and future replacement costs.

Starch.—Quotations for all grades of starch were nominal, depending upon fluctuations in the basic commodity markets. Various grades of corn starch were lowered 10c. per 100 pounds, with sellers accepting business subject to their confirmation, and goods were billed at price in effect on date of shipment. Domestic potato starch advanced ½c., ranging from 5c. to 5½c. per pound. Thickboil wheat starch was 5¼c. per pound.

Tapioca.—Quotations were on a day-to-day basis, and prices advanced ½c. per pound, ranging from 3c. to 4½c. per pound. Demand was active during the past week.

Tanning Materials

Chestnut Bark.—Prices for the extract were ⅛c. per pound higher. Tanks were quoted at 1¾c. per pound; car lots, 2⅛c. per pound. Prices were subject to prompt acceptance.

Gambier.—No quotations were available for the common. Stocks of Singapore cubes were scarce and quotations were nominal at 11c. per pound, limited quantities of plantation were on the market at the nominal price of 9¼c. per pound still prevailing.

Hemlock. — Quotations for various quantities were uniformly ⅛c. per pound higher subject to prompt acceptance. Tanks were 2¾c. per pound and car lots 3¼c. per pound.

Mangrove Bark.—No prices were available for the fibrous and non fibrous with supplies very scarce.

Myrobalans.—A sharp advance occurred in myrobalans and extract, price for J1 was $30 per ton and J2, $21. Various grades of extract were about 1c. per pound higher.

Quebracho.—Quotations for various grades were not obtainable. The absence of any shipments, prevented sellers from determining prices for replacements at this time.

Sumac.—Supplies of ground and leaf were negligible and nominal quotations prevailed. The ground was listed at $78 per ton, the leaf $82 per ton. No prices were available for the various extracts.

Valonia.—The market was nominal. The beards were $42 per ton and the cups $39 per ton. Quotations were on an f.o.b. basis. The same situation prevailed in the extract.

Wattle Bark.—African material ranged from $34.50 to $38.50 per ton, and the market was nominal. It was difficult to ascertain costs for replacements. Price for the extract was nominal at 5½c. per pound.

Frary Receives E. G. Acheson Medal

—Continued from page 5

senate," by Leo Lowenstein, a consulting engineer of London, England, it was shown that the electrolytic oxidation of sodium arsenite to sodium arsenate had been investigated before but apparently no commercial progress was in operation. This was attributed to high cost of operating the cell and, specifically, to the relatively low current efficiency. Unless proper precautions are taken, the author contended, the product was badly contaminated with unoxidized arsenite. The Lloyd and Kennedy process for sodium arsenate was analyzed to determine the cause of the low efficiency. Experiments resulted in a new 98 percent efficient diaphragm cell operating at 2.2 viscosity with electrolyte temperature at 70 degrees C., the anolyte in constant circulation through a crystallizing tank (20 degrees C.) in which sodium arsenate separates out; the return of the mother liquor into the anode compartment of the cell; and, finally, the addition to the anolyte of 1.6 percent sodium bichromate, which remained in the anolyte almost indefinitely.

E. Berl, of the Carnegie Institute of Technology, described a new commercial method for the cathodic production of hydrogen peroxide based on the use of cathods made wholly or partly of activated carbon of good electric conductivity. The new process combines the production at the anode of oxygen, when alkali carbonates or hydroxides are used, or chlorine, when alkali chlorides are decomposed, or persulfates or perborates, when sulfates or borates are used. Diluted alkaline hydrogen peroxide solutions, Mr. Berl said, can be produced at current efficiencies better than 90 percent. The hydrogen peroxide can be concentrated in the cell, he added, so that more than 250 gallon L. of hydrogen peroxide are obtained. For the cathodic production of one pound of 30 percent hydrogen peroxide in dilute solutions only one-third to one-fourth of the electrical energy required by the older anodic process was necessary, he added.

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German Coal Research Experiments Reported

The Gesellschaft fur Kohlentechnik m.b.H., of Dortmund-Eving, a joint research organization maintained by the Ruhr coal industry, in its annual report for 1938 provides information regarding progress made in some interesting research experiments which it has been conducting looking to a more rational utilization of coal, according to information received by the Department of Commerce from the American consulate general in Frankfort-on-Main.

In the field of synthetic motor fuel, experiments were undertaken designed to achieve a union of the two important technical processes developed by Bergius and Fischer-Tropsch. The question was investigated as to the extent that the output of liquid products by coking and high temperature distillation might be increased by means of a prior pressure-hydrogenation of the coal without catalysts and without solvents.

Other research work, concerned more directly with coal, related to oxidation at low temperatures and production of hydrogen-ion exchangers. Experiments were continued in the processing of coke-oven ammonia to ammonia compounds free to sulphuric acid. A small pilot plant was established at one colliery for producing benzol for meeting specially high requirements. In the field of hydrocyanic acid, a selective solvent for ammonium thiocyanate and thiourea was found and a process developed for producing plastics on the basis of ammonium thiocyanate.

Success was also achieved in producing, from a mixture of coke-oven gas and blast-furnace gas, methane, diluted only by nitrogen, which can be easily chlorinated. Construction of a pilot plant was started for trying out the apparatus developed in the laboratory.

Grease Freights Lower

The New York Public Service Commission has approved the following amendment to the commodity freight tariff for carriers in the central territory:—

Exception to Official Classification, rating of Class 30 established on inedible grease, carload, minimum weight 30,000 pounds, when in packages and 60,000 pounds, when in tankcars. Effective October 5.

Chemical Duties Fixed

OPD Washington Bureau
September 14, 1939

Changes in classification of two chemical products for duty purposes were announced today by the Bureau of Customs, and increased duties will become effective October 14. Abstracts of these decisions are:—

Solutions consisting of saturated alcohols and unsaturated alcohols:—Certain solutions found on analysis to containn in excess of 50 percent by volume of unsaturated or olefin alcohol should be assessed with duty at a rate of 6 cents per pound and 30 percent ad valorem under paragraph 2 of the tariff act of 1930, as a mixture in chief value of olefin or unsaturated alcohol unless the collector is satisfied that the product is not an artificial mixture. It has been the practice to assess duty on such merchandise at the rate of 25 percent ad valorem under paragraph 5.

1 - Acetoxy - 3 - bromopentanon - 4, if found upon analysis to be a bromide compound, not specifically provided for, is dutiable under paragraph 45 of the tariff act of 1930 as a bromide compound not specifically provided for at the rate of 10 cents per pound rather than under paragraph 5 of the tariff act at the rate of 25 percent ad valorem as a nonalcoholic compound, not specifically provided for.

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ALBALITH

DESIGNED TO INCREASE HIDING POWER ON DRYING—ECONOMICALLY

These new, high consistency lithopones are especially suited to flat formulations, because of their particular ability to develop more hiding in the dry film. They offer interesting possibilities from the economy standpoint, also.

Being of the non-reactive type, the paint body they produce is not due to any chemical reaction with the vehicles, but rather to their high oil taking properties.

Albalith 362 is the all-purpose pigment possessing many desirable properties for both flat and gloss paints. Albalith 361 produces flatter flats.

Send for samples and formulating information.

THE NEW JERSEY ZINC CO.
160 Front St. New York

361

ALBALITH

Margarin Manufacturing Operations Off in July

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in July, 1939, compared with July, 1938, as follows:—

	Pounds July, 1939.	Pounds July, 1938.
Total production of uncolored oleomargarin.	*19,159,532	†25,407,924
Total withdrawn tax-paid	20,099,144	25,649,679

Ingredients used in the production of colored and uncolored margarin in July, 1939, compare with July, 1938, as follows:—

In Uncolored Margarin

	Pounds July, 1939.	Pounds July, 1938.
Babassu oil	1,332,131	1,085,612
Beef fat	11,900	.....
Coconut oil	1,522,418	6,306,672
Corn oil	18,205	2,105
Cottonseed oil	5,518,396	8,158,560
Derivative of glycerin	48,308	51,722
Lecithin	4,880	6,654
Milk	3,849,754	4,764,264
Neutral lard	109,305	92,160
Oleo oil	850,486	1,074,471
Oleo stearin	244,853	313,980
Oleo stock	56,742	166,235
Palm oil	.....	450
Palm kernel oil	.....	263,317
Peanut oil	186,354	289,688
Salt	838,666	1,065,756
Soda benzoate	7,744	11,538
Soybean oil	5,592,062	2,959,423
Vitamin concentrate	760	880
Total	20,192,964	26,613,487
Total production of colored oleomargarin	‡102,674	§104,368
Total withdrawn tax-paid	14,836	27,695

in Colored Margarin

	Pounds July, 1939.	Pounds July, 1938.
Babassu oil	40	40
Coconut oil	36,943	23,918
Color	53	82
Cottonseed oil	3,116	22,032
Derivative of glycerin	255	267
Lecithin	61	.....
Milk	20,108	22,815
Neutral lard	2,148	4,704
Oleo oil	9,032	15,491
Oleo stearin	875	600
Oleo stock	43	26
Palm kernel oil	.....	228
Peanut oil	43	.....
Salt	5,561	6,145
Soda benzoate	27	29
Soybean oil	32,127	20,090
Vitamin concentrate	550	.....
Total	110,982	116,467

*Of the amount produced, 41,065 pounds were reworked.
†Of the amount produced, 39,115 pounds were reworked.
‡Of the amount produced, 348 pounds were reworked.
§Of the amount produced, 32 pounds were reworked.

Codliver Oil Shipment Of 2,018 Tons Here

Twenty-four days out of Hamburg, Germany, the Norwegian tanker Irania with 2,018 tons of codliver oil crept into New York harbor September 11 with a cargo that had gained steadily in value throughout the passage. Since she cleared Hamburg, the price of codliver oil had risen almost 100 percent, the result of the war that began September 1 and ended the export of British-made oil to this country, totally eliminated further shipments from Germany, and left this country dependent on Norway, Iceland, Greenland, and Newfoundland for future supplies.

A fair prize for the British navy, the tanker had been to sea thirteen days when war began. From then on the ship zig-zagged across the Atlantic ocean, escaping the screen of British cruisers intent on sweeping German commerce from the seas and eventually reaching New York with codliver oil, the arrival of which was described as "manna from Heaven."

Barrel Plugs Sealed With Sauereisen Co. Product

Improved conditions in steel barrel shipments have resulted from sealing the barrel plugs with pipe compound, the Sauereisen Cements Company, Pittsburgh, Pa., reports. Applying its preparation to drums in which its products are shipped, the company finds customers approving the practice because the pipe compound forms an airtight seal, eliminating plug leaks, the evaporation of volatile products, infiltration of water, galled threads, and plug corrosion. Since compound-treated plugs unscrew easily, time is saved for the consignee, and accidents sometimes caused in the effort to force stubborn, corroded plugs are prevented. Although in use for years by nationally known gas companies, pipe and chemical manufacturers, as well as plumbers and fitters, the Sauereisen company only recently considered applying its pipe joint compound No. 52, as the dope is technically named, to drums.

Paint, Varnish, Lacquer Materials

Demand for All Materials Heavier—Imported Products Nominal —Casein, English Vermilion, Mercuric Oxide Sharply Up —Bone Glue Higher—Naval Stores Active and Firmer

Active buying for the approaching Fall painting season appeared in several sections of the raw materials market last week. This, coupled with the "scare-demand" occasioned by the war, prompted active selling during the period. Many consumers, fearful of rising prices and depleting stocks, continued to stock heavily, although speculation was less than the previous week. The majority of imported materials were purely nominal in price due to uncertain shipping conditions.

The swift advances of casein and English vermilion continued to hold the spotlight. Stocks of both materials were low and sellers of the latter were restricting sales. Varnish gums were also advanced but pending definite information from abroad all prices were nominal. A major supplier of stearates and palmitates advanced contract prices for the last quarter of the year and indications were that other suppliers would meet the advance. Bone glue quotations were higher and prices for various grades of hide glue will probably also be increased. Red mercuric oxide reflected the advance of the metal price by a sharp increase.

The higher slab zinc price did not affect quotations for the oxides. Similarly, cadmium red and yellow were unchanged despite the sharp rise in the cadmium price. All pigments were in good demand with zinc oxides and titaniums the most active. Carbon black shipments to tire manufacturers held strongly, while other dry colors were in better inquiry. Relative stability in the glycerin and rosin markets caused suppliers of ester gum to hold the price at the previously quoted level.

Rosin and turpentine as well as minor pipe products were more active and firmer. At Savannah, further advances occurred in rosin prices, while turpentine moved up to the highest point recorded for some time past. Offerings in primary centers continued light and according to some reports transactions for the week would have been larger than they were but for the limited supplies available.

Construction volume in August increased substantially over both June and July, amounting to $312,328,000 for 37 eastern states, according to F. W. Dodge Corporation. During the first eight months of the year total contracts awarded amounted to $2,311,575,000, which represents a 26 percent increase over the same period last year and is the highest total recorded since 1931. Residential contracts awarded amounted to $127,163,000. With the exception of May this year, this monthly total is the highest since October, 1929, and represents a 28 percent increase over August, 1938. The total of residential building during the first eight months of the year is the highest of any comparable period since 1929 and is 50 percent greater than the total of the same months of 1938.

Trading with the London and Calcutta markets for shellac was at a standstill; no prices were forthcoming on a firm basis and very little business was placed in the Far East. London was closed to all intents and purposes. The only market worthy of the name was that on spot and heavy demand forced prices up and made all quotations purely nominal.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., 4c. per lb.
Glue, bone, ½c. per lb.
Gum, copal, ⅝c. to 2½c. per lb.
dammar, 1c. to 1¾c. per lb.
Palmitates, 1½c. per lb.
Red, mercuric oxide, tech., 15c. per lb.
English vermilion, 40c. per lb.
Rosin oil, 2c. per gal.
Shellac, bone dry, 7c. per lb.
refined, 5c. per lb.
garnet, 1½c. per lb.
D.C., V.S.O., 4c. per lb.
superfine, 4c. per lb.
T.N., 4c. per lb.
varnish, 10c. per gal.
Rosin, gum, 5c. to 35c. per 280 lbs.
Stearates, 1½c. per lb.
Turpentine, gum, 2½c. per gal.
Turpentine, s.d., 2c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.2	131.2	131.2	131.1

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

A feature of the non-ferrous metal market last week was the further advance of ¼c. per pound in the price of slab zinc to reach the highest level it has this year to date. Orders placed during the week were in very good volume and the new price was firm. The pig lead price was firm and there was a substantial demand, but the excited buying of the week before was absent. Trading in lead and zinc on the London Metal Exchange was still suspended.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from Sept. 9 to Sept. 15, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0550@.0555	$0.0535	.. * .. ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wednesday	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from Sept. 9 to Sept. 15, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0640	$0.0600	.. * .. ..
Monday	.0665	.0625	.. .. ..
Tuesday	.0665	.0625	.. .. ..
Wednesday	.0665	.0625	.. .. ..
Thursday	.0665	.0625	.. .. ..
Friday	.0665	.0625	.. .. ..

* London exchange closed.

Pigments

Demand for all materials in this division of the paint trade continued to hold to a good level during the period under review. The advance in the price of slab zinc failed to effect quotations on the oxides.

Antimony White.—There was a good demand but stocks were somewhat low. The quoted price was purely nominal.

Litharge.—The advance made two weeks ago failed to discourage consumers who continued very active. Demand was at high level and buyers were still stocking up in fear of further advances.

Lithopone.—Shipments became somewhat heavier during the period under review and inquiries for future delivery were more in evidence. The price was firm.

Red Lead.—No further advances were made although demand remained heavy. Speculation in the market continued and the approach of the Fall painting season also brought out more buyers.

Titanium Pigments.—Consumers were very active and material was being shipped at a healthy rate. A major supplier indicated that unless unforeseen circumstances arise the price of these pigments will not be changed for the remainder of the year.

White Lead.—Sales volume during the week was larger and inquiries for future delivery also appeared more fre-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

● Users have learned from experience to depend on the unvarying uniformity of our line of Ultramarine and Cobalt Blues. This important quality is assured by the extreme care with which each step in their processing is carried out in our own plant—by our skilled workmen. These blues are of standard specialized types to meet the needs of today's manufacture of Paint and Printing Inks. We also offer a full range of types for the Paper, Rubber, Soap, Linoleum and Textile Trades. Send today for free working samples.

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Study of the flow and leveling qualities of coatings pigmented with Mapico Colors reveals a high degree of satisfaction. Scientific tests of viscosity and thixotropy in the laboratory, and tests of painted surfaces tell the same story of excellent performance.

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quently. The price was steady and unchanged at the quoted level.

Fillers and Extenders

Imported fillers and extender products were at a premium last week and the quoted prices were purely nominal Sellers who had stocks of imported material on hand were practically naming their own prices and had no difficulty in making sales. Domestic prices were firm.

Barytes.—Small amounts of imported material were being offered but all other imported barytes were withdrawn and prices became nominal. There was little speculation in the domestic situation but a pick-up in interest was reported. The Fall painting season will get under way in a few weeks and shipments of the domestic product will naturally become heavier.

Talc.—There was no French material available and stocks of the Italian grade were very low. The possibility of further shipments from abroad were more or less doubtful. One major supplier reported that offerings of talc from the Orient were made during the period under review but the quality of this material was unknown.

Varnish Gums

The car lot prices for 87 grades of gum were advanced last week, but shipments from abroad were so uncertain that quotations were purely nominal. The small stocks in the United States were very low and major suppliers were uncertain as to when they will be able to replenish.

Copals.—Various grades of this type gum were advanced ⅝c. to 2⅛c. per pound. All prices were nominal.

Dammars.—Quotations were advanced 1c. to 1¾c. per pound. Prices were nominal.

Synthetic Resins

Major suppliers held the price in the New York area at the same level that had been in force for several previous weeks. Relative steadiness of the glycerin and rosin markets prohibited any advance. Demand was good but stocks were reported to be fairly low.

Dry Colors

The approach of the Fall painting season brought a normal amount of business during the period under review. There was still a bit of speculation in the market, but the activity was not as great as the preceding week. The sharp advance in the price of cadmium was apparently not enough to warrant an advance of the quotations for cadmium yellow and red. The uncertainty in the copper market did not reflect in the prices for color derivatives. English vermilion was again increased and suppliers were restricting offers. Strength of the metal market also caused an increase in red mercuric oxide.

Carbon Black.—The industrial demand continued normal with tire manufacturers ordering out a satisfactory supply of material. The price was firm.

Mercuric Oxide.—Another advance in the mercury price led to a higher quotation for this color. The technical grade was sold at $1.91 per pound, which was 15c. higher than the previously quoted figure.

English Vermilion.—Major suppliers again boosted quotations because of a strong demand. The advance was 40c., and material was offered at $2.40 per pound for 500 pounds or more; $2.45 per pound for 100-500 pounds; and $2.49 per pound for smaller lots. Sellers were restricting orders and in some cases were selling only to regular customers. Stocks were low.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Driers

A major supplier announced that the contract price for stearates and palmitates for delivery during the last quarter of the year has been advanced 1½c. per pound. Other sellers were expected to make a similar advance, although late last week they had not made a final decision.

Naval Stores

A firm tone continued to prevail in southern and local markets for naval stores last week, the trend of prices again being upward. Turpentine sold at Savannah on Thursday at 26¼c., the highest point recorded for some time past. Some grades of rosin also moved up to new high points for the current movement, the advances in some instances carrying prices above the government loan values for both 1939 and 1938 production. There was a further broadening of business in rosin and turpentine as well as minor pine products, the movement for the week, according to some reports, being considerably larger than in any recent preceding week.

Buying interest was stimulated by recent developments in the markets for securities and various other commodities and by a growing impression among some that hostilities in Europe may prove of much longer duration than seemed likely at the start of the war. Supplies in the hands of not a few consumers and dealers had apparently dwindled to unusually small proportions after many weeks of conservative buying and, according to some reports, the volume of business closed for the week would have been considerably larger than it was but for the limited offerings, especially in the case of rosin. There were reports of some increase in the export inquiry from South America, but inquiries from Europe continued to be reported as light. In connection with the outlook for export trade, it is of interest to note that a cargo of 600 barrels of rosin shipped from Pensacola for Hamburg was seized by Britain as contraband of war.

The following table shows the stocks of rosin and turpentine held September 11 by the CCC under loans on the 1938-39 crops:—

	Rosin		Turpentine.
	Barrels.	Drums.	Barrels.
Savannah	165,340	26,068	.....
Jacksonville ..	209,165	3,830	28,672
Brunswick	100,388	7,679	*8,904
Mobile	23,638	13,540	.....
Pensacola	33,317	3,086	.....
Valdosta	134,898	9,302	24,415

* Includes 2,255 barrels held under 1934-35 loan.

According to official statistics, exports of gum rosin during July were 44,471 barrels; wood, 35,847 barrels. Gum turpentine, 921,391 gallons; wood, 127,703 gallons. Pine oil, 140,197 gallons. Tar and pitch of wood, 1,834,277 pounds.

Turpentine. — Developments in primary centers were of a stimulating character and business here showed further improvement, the increase in purchases by consumers and dealers, according to some reports, being rather marked. The trend of local prices was upward. Stocks of turpentine at London September 15 were 17,891 barrels.

SAVANNAH, Sept. 15.—The turpentine market had a firm undertone. Following is a record of the market for the week:—

	Cents	Barrels		
	per gal.	Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday ...	25	132	350	612	27,157
Tuesday ...	25¼	160	366	63	27,460
Wednesday.	25¾	110	478	130	27,808
Thursday ..	26¼	74	206	1,633	26,381
Friday	27	212	152	...	26,533

* No trading.

JACKSONVILLE, Sept. 15.—Turpentine offerings were light and the market had a firm tone. Following is a record of the market for the week:—

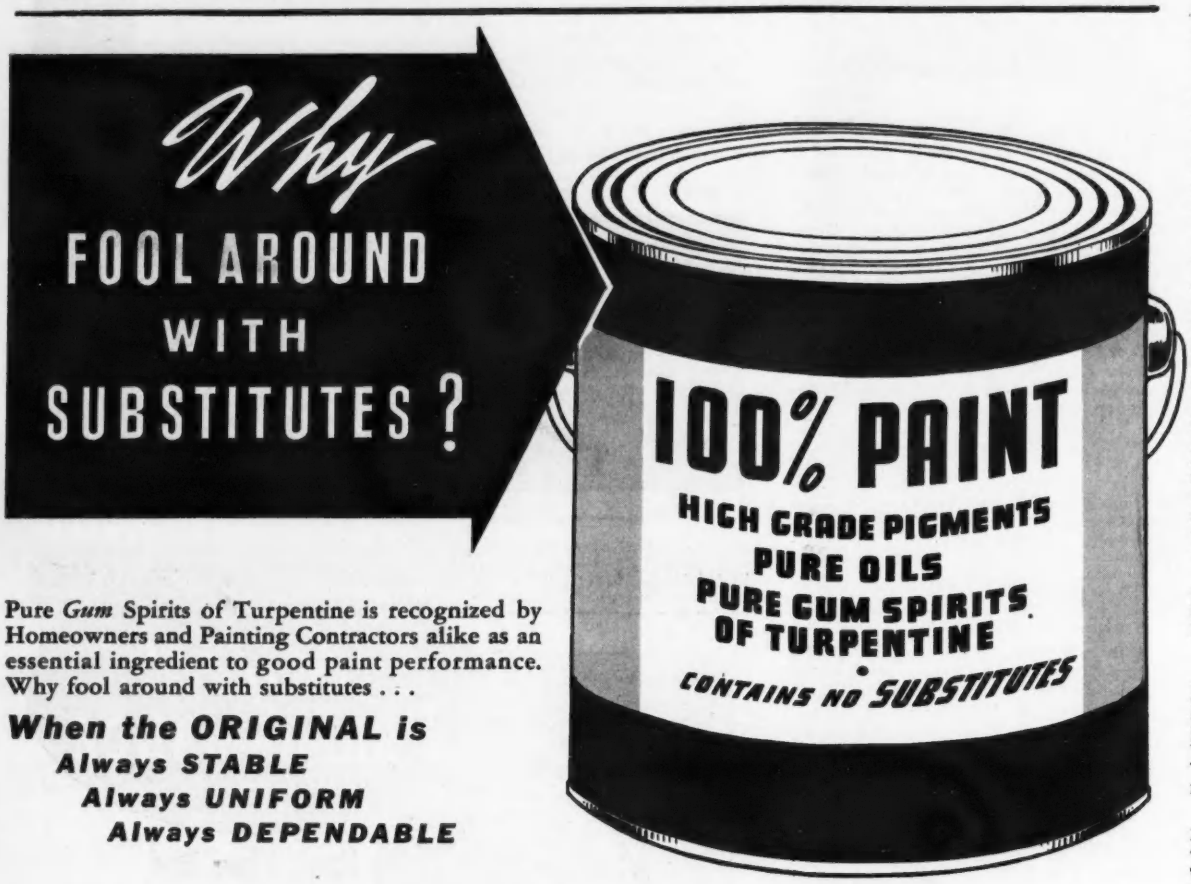
	Cents	Barrels		
	per gal.	Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday...	...	...	...	...	.....
Monday ...	24½	...	243	...	53,138
Tuesday ...	24½	...	130	349	52,937
Wednesday.	24½	...	131	8	53,068
Thursday ..	24½	...	71	160	52,975
Friday	†26½	...	177	...	53,152

* No. trading. † Bid and refused.

PENSACOLA, Sept. 9.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels		
	Re-ceipts.	Ship-ments.	Stocks.
Tuesday	91	282	21,905
Wednesday	11	...	22,096
Thursday	89	97	21,923
Friday	219	123	22,001
Saturday	14	...	21,886

CHICAGO, Sept. 15.—Turpentine buyers are watching the market in view of ad-



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General Offices, Valdosta, Georgia

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vances in other commodities. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

Rosin.—Business in the local market showed further improvement last week, buying interest being stimulated by developments in primary centers where the trend of prices was again upward. The tone here was firmer. Receipts in Southern markets were moderate and daily offerings continued light.

SAVANNAH, Sept. 15.—A firm tone continued to prevail in the rosin market. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.90	$3.90	$3.90	$3.90	$3.90
D	...	3.90	4.10	4.10	4.10	4.10
E	...	4.05	4.10	4.10	4.10	4.10
F	...	4.40	4.65	4.65	4.65	4.95
G	...	4.50	4.80	4.80	4.80	4.95
H	...	5.50	5.45	5.55	5.55	5.55
I	...	5.60	5.67½	5.77½	5.85	5.80
K	...	5.60	5.67½	5.77½	5.85	5.85
M	...	5.60	5.67½	5.77½	5.85	5.85
N	...	5.60	5.67½	5.80	5.85	5.95
WG	...	5.85	5.85	5.90	5.90	6.00
WW	...	6.25	6.25	6.25	6.25	6.30
X	...	6.25	6.25	6.25	6.25	6.30
	Barrels					
Sales	...	231	292	251	156	444
Receipts	...	1,224	1,733	1,077	1,590	608
Shipments	...	2,244	4,431	797	5,373	1,134
Stocks—	...	288,300	285,602	285,882	282,099	281,373

* No trading.

JACKSONVILLE, Sept. 15.—The rosin market was fairly active. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.35	$3.35	$3.35	$3.35	$3.35
D	...	3.85	3.85	3.85	3.85	3.85
E	...	4.15	4.15	4.15	4.15	4.15
F	...	4.45	4.45	4.45	4.45	4.45
G	...	4.45	4.45	4.45	4.45	4.45
H	...	5.35	5.35	5.35	5.35	5.35
I	...	5.60	5.60	5.60	5.60	5.60
K	...	5.60	5.60	5.60	5.60	5.60
M	...	5.60	5.60	5.60	5.60	5.60
N	...	5.60	5.60	5.60	5.60	5.60
WG	...	5.85	5.85	5.85	5.85	5.85
WW	...	6.25	6.25	6.25	6.25	6.25
X	...	6.25	6.25	6.25	6.25	6.25
	Barrels					
Sales	...	69	...	...	...	...
Receipts	...	689	871	685	539	1,198
Shipments	...	40	2,802	5	536	700
Stocks—	...	325,744	323,813	324,943	324,496	324,994

* No trading.

PENSACOLA, Sept. 9.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels				
	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	349	41	188	726	45
Shipments	237	100	300	1	137
Stocks	65,033	64,943	65,668	65,780	64,585

CHICAGO, Sept. 15.—A good demand has been making its appearance in the rosin market, and tone is strong. Ruling prices at the close of business last night were:—B grade, $6.90 per lot of 280 pounds; G grade, $7.80; M grade, $8.67½; W.W. grade, $9.25.

Pine Oil. — Quotations were unchanged, with the tone of the market firm. An increase was noted in the demand for both steam and destructive distilled.

Pitch.—Local prices were generally held at the levels prevailing in the previous week. A further increase was noted in the call for moderate quantities for prompt shipment.

Rosin Oil.—Business was reported as more active, buying interest being stimulated by recent developments in various other commodities. Prices were advanced 2c. per gallon.

Tar.—Selling schedules were stationary, with the tone of the market firm. There was a further increase in the movement into local and outside consuming channels.

Shellac

Heavy demand and scarcity of spot stocks raised all prices and made them definitely nominal. Those with goods in hand could name their own prices. Having it distinctly in mind that the following quotations were for spot goods, entirely nominal and made without offer, the market shaped up approximately as follows at the end of the second week of the war:—Bonedry, 25c. per pound; refined bonedry, 30c.; garnet, 16c.; D. C., V. S. O., and Diamond I, 25c.; superfine, 17c.; T. N., 16c.; shellac varnish, orange, 5-pound cut, $1 to $1.05 per gallon; 4½-pound cut, 95c. to $1; 4-pound cut, 90c. to 95c.; white, 5-pound cut, $1.10; 4½-pound cut, $1.05 to $1.10; 4-pound cut, $1 to $1.05. Shellac varnish for delivery outside of the spot market was $1.15 per gallon minimum on 5-pound cut, and $1.10 on orange 5-pound cut.

Cables from Calcutta were lacking almost entirely and continuously. Such prices as did reach the spot were tentative and without offer. Whenever an importer tried to place an order, the reply usually was an advance in the quoted price and the value was qualified by the word "possibly." In other wodrs, there was no firm price. Consequently, very little business was done. The London market was definitely closed.

Lacquer Materials

The buying movement which started the preceding period continued unabated in the market for lacquer materials and solvents last week. Many consumers were making sizable replacements in an endeavor to increase inventories against possible price advances. However, existing contract schedules were carried into the final quarter for important products such as acetone, butylalcohol, isopropyl acetate and tricresyl phosphate. Aside from the active domestic demand, sellers were receiving numerous inquiries for export.

Acetone.—Business continued active last week. In view of the firm position of the market many contract consumers were endeavoring to cover at existing prices. Contract prices were renewed for the last quarter.

Butyl, Alcohol.—A better inquiry was manifest in this direction. Some consumers were entering the market on a broader scale, while demand for export purposes was also satisfactory. Prices were extended into the final quarter.

Cellulose Acetate.—Shipments were moving to various consuming channels at a good pace throughout the past week. Less hesitation in making forward commitments was evident than for some time. Pricewise a steady to firm tone predominated.

Dibutyl Phthalate.—Demand was reported as better during the past week. Consumers were entering the market for fair size quantities as a rule. Quotations will be firm for the final quarter.

Isopropyl Acetate.—A good buying movement was underway, with replacement orders in many instances larger than heretofore. Current prices were extended for the quarter.

Tricresyl Phosphate.—While the tone of the market was firmer, no change will be made in prices for the final three months of the year. A generally better interest was displayed from various consuming channels during the week just ended.

Glues and Binders

Casein.—Major suppliers boosted the price of the domestic material on two occasions last week, the total advance for the period being 4c. per pound. Last sales of 20-30 mesh were made on

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC
HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO CEDARTOWN, GA.

the following basis:—17c. per pound in car lots; 18½c. per pound for five tons or more; and 20c. per pound for smaller lots. The 80-100 mesh material was offered at 17½c. per pound in car lots; 19c. per pound for five tons or more; and 20½c. per pound for smaller lots. Argentine material was very scarce and the quoted price was purely nominal.

Glues.—All types of bone glue were advanced ½c. per pound last week to a new range of 12c. to 14c. The hide glue price was very strong as quoted and major suppliers indicated that an advance will be made. A large volume of orders appeared in the market during the period under review, with consumers anxious to cover their needs for the future before further price advances are made.

Hercules Promotes Three In Naval Stores Department

Wilmington, Del., Sept. 8, 1939

Hercules Powder Company has announced A. S. Kloss, formerly manager of Georgia naval stores operations, with headquarters in Brunswick, Ga., has joined the operating department of the naval stores department in Wilmington. He will devote his time to the coordination of naval stores sales with naval stores manufacturing and operating problems. Reginald Rockwell, formerly superintendent of the naval stores plant in Brunswick, has been appointed manager of Georgia naval stores operations. George E. Bosserdet, formerly a supervisor of the naval stores plant at Hattiesburg, Miss., will succeed Mr. Rockwell as superintendent of the naval stores plant in Brunswick.

Mr. Kloss joined the Hercules organization in 1913 as a member of the staff of the plant at Hercules, California. Since 1920, when Mr. Kloss became superintendent of the naval stores plant in Brunswick, and later in the capacity of manager, he has been an important factor in Hercules naval stores expansion.

Mr. Rockwell brings to his new position long experience in the naval stores industry. He came into the industry in 1920 as an engineer at the naval stores plant at Hattiesburg, Mississippi, and served as assistant plant engineer at Brunswick and as assistant superintendent of Hattiesburg plant respectively from 1926 to 1938, when he was made superintendent of the Brunswick plant. In 1925, Mr. Bosserdet entered the employ of Hercules Powder Company and since that time has been connected with the Hattiesburg naval stores plant.

Stroock & Wittenberg Building New Resin Plant in Newark

The Stroock & Wittenberg Corporation, this city, is constructing a large plant for the manufacture of alkyds and allied synthetic resins in Newark. The new production will include its present regular line of alkyds and many new and improved types. Equipment and controls will be of the latest design to promote safety of operation, quality, uniformity and output.

At the new location, which has both rail and water facilities, ample space has been provided for a contemplated further expansion program. Eventually all Stroock & Wittenberg synthetic resin manufacturing in Newark may be consolidated on the new site. Temporarily, both plants will be utilized to handle the demand for other synthetics and processed naturals, as well as the alkyds.

'Surfex' Questionnaire Answers Compiled by Pure Calcium Div.

The Pure Calcium Products Division of the Diamond Alkali Company, Painesville, Ohio, has compiled the answers to its questionnaire sent to paint manufacturers regarding their experience in the use of "Surfex." Copies of the compilation may be obtained by writing the Pure Calcium Division, Painesville, Ohio, and mentioning the REPORTER.

Ferrell Paint Co. Plant Completed in California

The Ferrell Paint Company has completed work on the installation of equipment for the manufacture of a wide line of paints and enamels at 3912-14 El Cajon boulevard, San Diego, Calif. R. W. Ferrell, who became identified with the Seidlitz Varnish Company, Kansas City, in 1937, after having charge of the paint manufacturing division of Montgomery Ward & Co., Chicago, for many years, is the manager of the company, with R. W. Ferrell, jr., as sales manager and J. P. Ferrell, production superintendent.

Madeleine Beatrice Breinig, daughter of Mr. and Mrs. Granville M. Breinig, was married September 1 at Lake View, N. Y., to John Francis Reid. They will be at home after October 1 at Cook Road, East Aurora, N. Y. Mr. Breinig is manager of the paint division of Pratt & Lambert, Buffalo.

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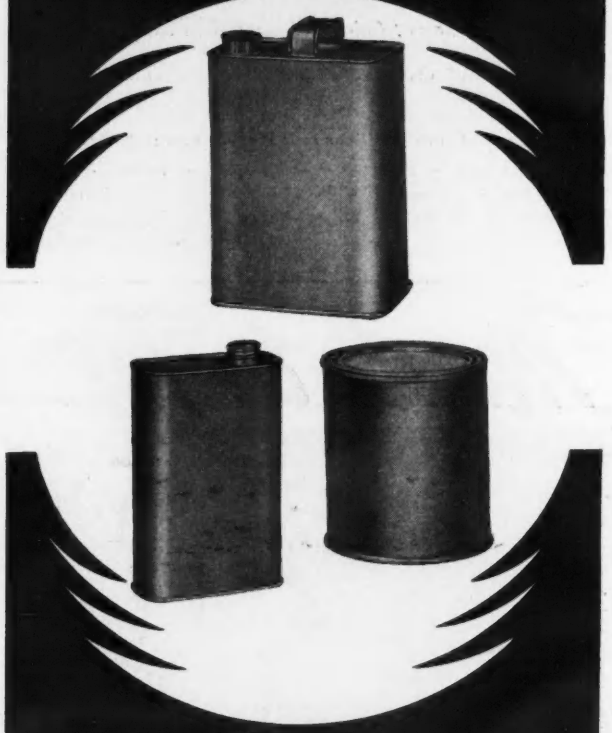

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Incorporated
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LOUISVILLE, KENTUCKY
Offices and Agents
In Principal Cities
Distillers of Coal Tar Products

Peck Quits Devoe & Raynolds

E. D. Peck has resigned as vice-president and general manager of Devoe & Raynolds Company, this city. Following the resignation of Mr. Peck, the directorate of the company abolished the post of general manager. Mr. Peck, a member of numerous committees of the National Paint, Varnish and Lacquer Association, has not as yet announced his future plans.

Cleveland Paint Clubs Held Annual Outing September 9

The annual get-together of the Cleveland Paint and Varnish Production Club and the Cleveland Paint, Varnish and Lacquer Association was held at Schluter's Tavern September 9. More than a hundred were in attendance. The ball game in the afternoon between the supply men and the production men was won by the latter. Dinner was followed by the awarding of prizes for the afternoon events, and dancing.

Synthetic Coatings Described In Varcum Chemical Co. Volume

The use of Varcum phenolic resins in protective coatings is comprehensively described in the 1939 edition of the Varcum Chemical Corporation booklet "Phenolic Resins." In addition to presenting complete information as to the characteristics of the varieties of Varcum resins, the volume contains many illustrative formulas, showing the combination of these synthetic resins in the manufacture of paints, varnishes and other protective coatings. Those interested in modern synthetic coatings may obtain a copy of the booklet by addressing the company at Niagara Falls, N. Y., mentioning the REPORTER.

Trade Briefs

Pure Calcium Products division of the Diamond Alkali Company, Painesville, Ohio, has enlarged its research quarters and installed new equipment.

Melville O. Parks, formerly technical director for the Martin Varnish Company, Chicago, has opened offices in 5541 Everett avenue, Chicago, as a consultant.

Jamestown Paint & Varnish Company plans the rebuilding of its paint and varnish manufacturing plant which was destroyed by fire several weeks ago with a loss of about $100,000.

Edward Munc has retired from Peaslee-Gaulbert Paint & Varnish Company, Louisville, Ky., after forty-years as a salesman with the company. He was presented with a watch by the firm.

Paint & Varnish Exchange Club meeting in the Brooklyn Engineers' Club September 27 will be addressed by George W. Priest, of the Woburn Degreasing Company, Harrison, N. J., on "Isoline."

Baltimore Paint Salesmen's Club at a meeting September 9 discussed plans for representation at the annual convention of the Paint Salesmen's Clubs, to be held in Atlantic City, September 29 to October 1.

Washington Wholesale Paint Corporation has been chartered under Maryland laws, with a capital of 100 shares of Class A stock of $50 a share and 1,000 shares of Class B stock of $10 par value.

Texas Corporation has reported to the Securities and Exchange Commission that by an agreement interest rates on the $15,000,000 promissory notes of the Columbian Petroleum Company, guaranteed by the Texas Corporation and the Socony-Vacuum Oil Company, would be reduced from 3 percent to 1½ percent annually.

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DICALITE Extenders and Flatting Agents for the Paint and Varnish Industry of TOMORROW

(Left) The Theme Center of the New York World's Fair, depicting the "World of Tomorrow".
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PRODUCTS OF UNIFORM SUPERIOR PERFORMANCE

Turpentine Cooperative Has 'Seal of Approval' Label

Gum turpentine is being made the subject of one of the largest advertising and merchandising campaigns ever conceived in the paint field. One of the interesting phases of the program is the plan of merchandising gum turpentine in modern sealed lithographed cans bearing the American Turpentine Farmers Association Cooperative seal of approval.

The American Turpentine Farmers Association itself does not sell gum turpentine, but through the association this official can bearing the seal of approval has been designed for use of large distributors. Distributors install their own canning and dehydrating equipment and carry on their canning under American Turpentine Farmers Association supervision and inspection. By pooling their orders for cans and buying them from one large canning company, the distributors get the advantage of large quantity discounts. The canning company lithographs each distributor's firm name and address on his supply of cans, which range in size from a few ounces to five gallons.

The American Turpentine Farmers Association operates as a cooperative agency and assures that the canned gum turpentine is unadulterated. By creating a steady and increasing demand, gum turpentine's up-to-date merchandising campaign serves to stabilize the price and eliminate undue market fluctuation.

Tung Oil at Hankow Released by Japan

—*Continued from page 5*

the transportation charges. The Department of State is not concerning itself with these commercial details, since most of the tung oil importers are represented by agents in China.

Hong Kong Receipts Increase

The Department of Commerce today released its monthly report on the tung oil market in China, based on cabled advices, as follows:—

Improved transportation facilities have caused larger quantities of tung oil, owned by the Chinese government to reach Hong Kong, according to a radiogram to the Chemical Division of the Department of Commerce.

On the first of September the quotation for oil in bulk at Hong Kong was 81 Hong Kong dollars (U. S. $23.10) per picul of 133 1/3 pounds. Stocks of oil held by independent dealers the end of the month were estimated in China at approximately 300 short tons awaiting shipment to Soviet Russia.

Exports of tung oil from Hong Kong in July amounted to 5,597,667 pounds, valued at $1,120,225. The United States received 4,136,299 pounds, valued at $833,399, while 461,368 pounds, valued at $286,826, went to Europe. The European buyers were Soviet Russia, United Kingdom, France, Germany, Norway, and Italy.

At Hankow the tung oil market was stronger, which was caused by the weakness of Chinese currency and the European war scare. Prices of tung oil increased from 82 Chinese dollars per picul to 89 Chinese dollars, not including drums, at the end of the month. Small lots of oil arrived from up country, averaging about 30 piculs daily. There were no exports by foreign firms and only known sales were 40 long tons to Japanese and 60 long tons made to German firms in early August. Hankow stocks at the end of August were estimated locally to be 10,864 short tons.

Tung oil imports into the United States during July amounted to 6,547,580 pounds, valued at $944,943. This brought the total of imports for the first seven months of 1939 to 46,042,610 pounds, compared with 63,001,060 pounds imported in the first seven months of 1938. Figures for August imports are not yet obtainable. Imports during the whole of 1938 totaled 107,455,674 pounds.

TAPPI Discusses Recent Research

—*Continued from page 5*

sanitation. The safe handling of chlorine was treated briefly. He concluded by stating that the future of chlorine and its uses appears to be an ever-expanding picture, since in most of its application it has no serious competitor.

"The Fluoresence Size Test, Improved Method and New Instrument for Measuring the Water Resistance of Paper" was discussed by J. A. VanDenAkker, Philip Nolan, of the Institute of Paper Chemistry; A. C. Dreshfield and H. F. Heller, of the Hercules Powder Company. The authors found that the transudation of water was detected by a fluorescent indicator. The fluorescent indicator employed, exhibits strongly, a so-called "concentration affect." This characteristic of the fluorescent indicator distinguished it from other indicators of transudation of water mainly as regards error due to water vapor permeability of the paper under test. Data and observations were given which indicate that transudation times obtained with the fluorescent indicator were subject to negligible error due to water vapor. The development of an objective method involving photoelectric recording of the fluoresent intensity was given, and data on the influence of a number of variables was presented. Using the photoelectric equipment it was found that the typical probable error in the mean of ten observations was 1.5 percent.

"The Effect of Particle Size on the Efficiency of a Rosin Suspension as Measured by the Retention of Rosin and the Degree of Sizing Imparted to Paper" was the title of the paper prepared by Firth Dennett of the Dow Chemical Company, and C. E. Libby, New York State College of Forestry. The authors contended that tests showed suspensions with an average particle size of above 350 milimicrons radius gave lower sizing values, the sizing value increasing sharply as the upper range of the investigation was reached. From these results it was concluded, therefore, irrespective of the manner in which the rosin was held to the fiber, that the particle size of free rosin had a definite effect upon the sizing value of the high free rosin sizes.

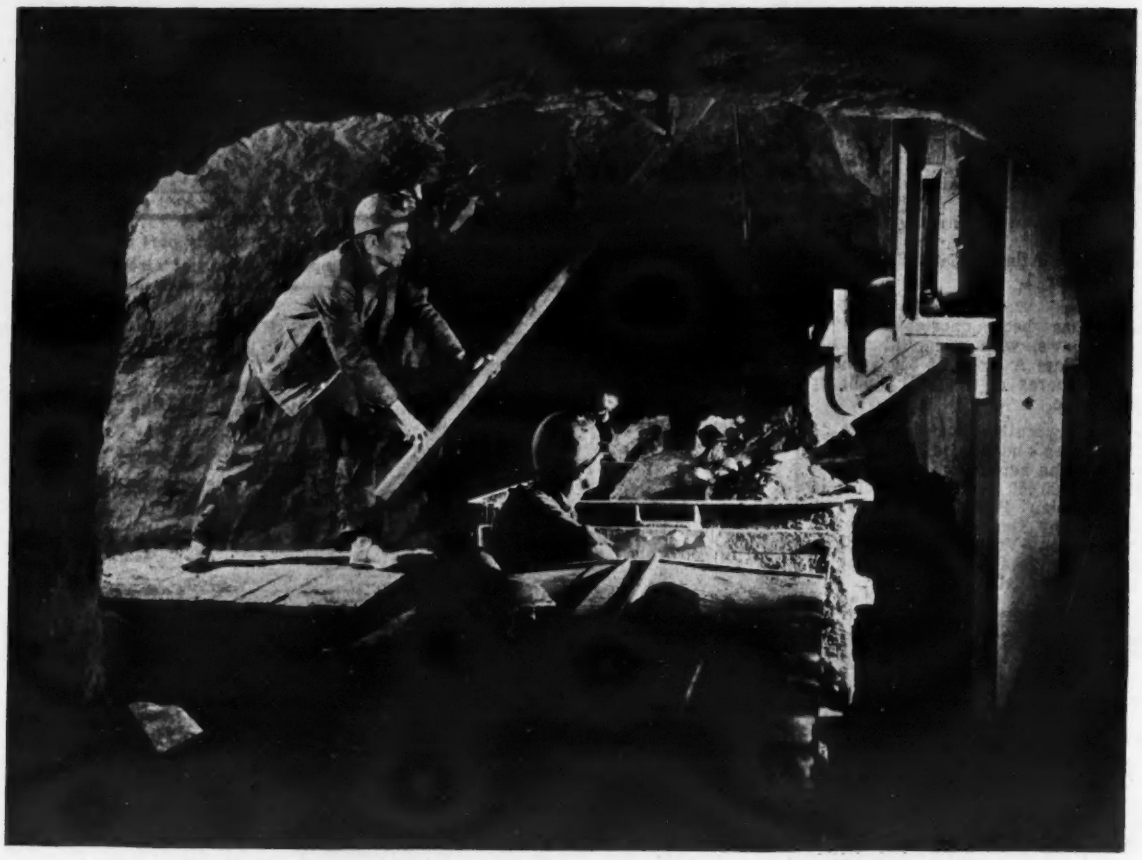
The authors also sated that "H" grade rosin suspended in gelatin in the same manner as the abietic acid was found to have 83 percent of the sizing efficiency of an abietic acid suspension of the same particle size utilized under the same conditions. A sample of Bewoid size, containing 80 percent free rosin, showed about 88 percent of the sizing efficiency of an abietic acid suspension having approximately the same size of free rosin particle. A nearly neutral size gave values only 60 percent as high as the Bewoid suspension and 70 percent as high as the "H" grade rosin-gelatin suspension. This showed that the high free rosin sizes gave much better sizing results with the same amount of alum consumed.

"A Study of Calcium Carbonate, Clay, and Casein Coating Mixtures Affecting Certain Sheet Characteristics" was the title of a paper prepared at the research laboratories of the Michigan Alkali Company and presented by A. E. Hughes and Hoard F. Roderick. It was pointed out that it has been only within the last few years that precipated calcium carbonate has made its appearance in the field of coated papers. The absence of reliable sources and uniformity of quality along with excessive high cost price has been responsible for this delay, the paper stated. It was essential, therefore, that grades of precipated calcium carbonate be produced which could be employed in the preparation of coated papers, and it was necessary that the cost should be of such a magnitude that as to enable the manufacturer of coated papers to utilize the material, the paper continued.

At the present time these objections have been largely overcome so that any producer of coated papers has at his disposal grades of precipated calcium carbonate which have been developed especially for use in the coated paper field, the paper stated. The general use of raw material in almost any field is largely controlled by the amount of information compiled regarding the proper use of the material so that the best results may be obtained. It was, therefore, the paper stated, to this end that findings were reported in this direction. The paper in general dealt with the preparation of various coatings from calcium carbonate, clay, and casein coating mixtures.

FROM ORE TO OXIDE

The Story of St. Joe Zinc Oxide — Number 4 of a Series



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Oils, Fats, and Waxes

August Cottonseed Oil Consumption 297,006 Barrels—Moderate Changes in Prices — Lard Compound Up — Chinawood Oil Still in Light Supply—Perilla Easier—Trade Quieter

Business in miscellaneous oils, fats and greases showed some slowing down last week, consumers in many cases being disposed to curtail purchases after the sharp advance of the previous week. Offerings of many products continued light, however, and the trend of quotations was still upward. A development of interest was the publication of the monthly cottonseed report from the Census Bureau. The indicated consumption during August was 297,006 barrels, these figures comparing with 242,837 barrels in the previous month and 327,126 barrels in August last year.

Chinawood oil remained firm, with offerings light and quotations still mainly nominal. Oiticica oil was higher, quotations being nominal owing to the smallness of supplies. Demand for perilla oil was less active and offerings were noted at concessions. Coconut oil continued firm, quotations on refined being advanced further. Corn oil was easier.

Tallow offerings continued light, but there were reports of sales in a small way at a material advance in the price over the last previous transactions. Cash lard was irregular in the local market in company with futures in the West where the tendency of prices was reactionary at times under liquidation. Fish oils remained firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coconut oil, refined, ⅛c. to ⅜c. per lb.
Cottonseed oil, edible, ½c. per lb.
Lard compound, 50c. per 100 lbs.
Lard oil, ¼c. to ⅜c. per lb.
Menhaden oil, crude, 6c. per gal.
Oiticica oil, 1c. per lb.
Oleo oil, 1½c. per lb.
Rapeseed oil, blown, 1c. per lb.
Sardine oil, crude, 5½c. per gal.
Stearin, oleo, 1½c. per lb.
Tallow oil, ½c. per lb.
Waxes, bayberry, 3c. per lb.
Bees, yellow, crude, Africa, 3½c. per lb.
refined, 4½c. per lb.
white, bleached, 4½c. per lb.
Carnauba, No. 3 chalky, 6c. per lb.
No. 3 N. C., 5c. per lb.
refined, 3c. per lb.
No. 1 yellow, 10c. per lb.
No. 2 yellow, 10c. per lb.
Japan, 1½c. per lb.
Spermaceti, 4c. per lb.

Reduced

Corn oil, crude, ¼c. per lb.
Cottonseed oil, crude, ½c. per lb.
Linseed oil, 2/10c. per lb.
Perilla oil, ½c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
102.2	101.2	95.2	101.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chinawood Oil

A special article of particular interest to manufacturing consumers of chinawood oil will be found on page 5 of this issue of the REPORTER.

The local market for chinawood oil remained in a firm position in the absence of any increase in supplies. While 23c. per pound was quoted in one quarter for tankcars, there was said to be very little oil available at this figure. Transactions among resellers were reported to have been closed at from 26c. to 27c. per pound in tankcars and 28c. per pound in drums. Numerous inquiries were reported in the market but as already intimated, the movement for the week was unimportant and, according to some in the trade, there seemed to be little prospect of any relief from the scarcity in the near future. Less favorable reports were received concerning the political situation at Shanghai. In connection with the recent reports that Japan was preparing to release oil held at Hankow, it was stated last week that arrangements have been made to move oil owned by American interests, but that the quantity will not exceed 2,500 tons and that it cannot be shipped for arrival at a California port until late in October.

SAN FRANCISCO, Sept. 12.—Sellers retained control of the chinawood oil market last week as the price followed a rising trend and business was reported to have been done at 27c. per pound in tankcars, f.o.b. Pacific Coast ports. Following this, it was reported that between 8,000 and 10,000 tons of oil were being released for sale out of Shanghai, previously choked up by the Japanese. The effect of this report was to slow up buying interest.

Vegetable Oils

Coconut.—The local situation continued to be featured by a firm tone. Quotations ranged from 4 to 4¼c. per pound for crude oil in tankcars, and business was reported to have been closed between the range, the quantity involved apparently being unimportant as supplies available during the week were very light much of the time. Refined oil was advanced to 9⅛c. per pound for carloads in drums and 9⅞c. for less than carloads. Tankcar quotations on refined oil were not available. Importations of coconut oil from the Philippines from January 1 to September 2 were 242,787,959 pounds, or 54.19 percent of the allowable quota.

SAN FRANCISCO, Sept. 12.—Coconut oil quoted nominally at 3⅝c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, after earlier sales at 3¾c., which followed a reported peak price of 4c. Copra suppliers in the Philippines, with quotations closed off to Pacific Coast buyers during the previous week, opened with offerings a few days ago, and, following business at a reported 2.25c. per pound, c.i.f., the market eased when parcels were said to have been booked at a basis of 2.15c. There is no disposition to unload copra; on the contrary supplies are not too freely offered, but mills are having no difficulty in arranging for as much material as they feel they need.

Corn.—Quotations on crude oil were revised, demand being less active. There were reports of offerings at concessions of about ¼c. per pound. The monthly government corn crop report pointed to a yield as of September 1 of 2,523,092,000 bushels against 2,542,238,000 bushels in the previous season.

Cottonseed.—Edible oil was advanced ½c. per pound by refiners. The market was more active, orders being received in a considerably larger volume in some quarters.

Oiticica.—The market was stronger, quotations being advanced one cent, with the figures nominal. There was a good inquiry, but business was hampered by the light supplies available, some importers not being in a position to offer.

Peanut.—Crude oil offerings were reported as light, with quotations nominal. The indicated crop of peanuts as of September 1, according to the government report, was 1,294,650,000 pounds against 1,309,400,000 pounds last season.

Perilla.—Demand fell off and offerings were somewhat freer, with business reported to have been closed at 13½c. per pound. The tone of the market, however, was steady at the downward revision of prices.

Soybean.—The market was quieter, but the tone continued steady and quotations were generally held at recently advanced levels. The prospective soybean production in the six important commercial states was placed by the government in the September report at 70,814,000 bushels against 53,940,000 bushels last year and 42,395,000 bushels two years ago.

Markets at Other Centers

Chicago, Sept. 15.—Some adjustment of prices following headlong upward rushes early in September has been noted in the general vegetable oil market here in the last few days. There is a general continuation of a strong undertone, but buyers are now less inclined to follow quotations on upward, and accordingly there have been fractional declines in prices of some products, as well as further pushes upward in others. In general, buyers continue to exhibit considerable interest.

COCONUT.—Coast basis, September-forward, 3¾c. to 3⅞c. per pound. Refined, edible oil, 8⅞c. to 9c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

CORN.—Crude, low acid, 6½c. to 6¾c. per pound, partly nominal. Refined edible oil, 8½c. to 9c. per pound, barrels, car

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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lots; and 9c. to 9½c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, nominal; October-forward, also nominal.

PEANUT.—Crude, mills, September-forward, 6½c. to 6⅝c. per pound.

SOYBEAN.—Crude, mills, 5c. to 5¼c. per pound, October-forward.

The market for soybeans on the Chicago Board of Trade was irregular, the trend being downward in the main with grain. Recent buyers liquidated. There was also selling on the September government crop report pointing to a yield of 20,000,000 bushels larger than last season. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Sept. 15.	Closing Sept. 8.
October	$0.88	$0.80½	$0.82¼	$0.90¼
December ...	.84	.80⅝	.82½	.89⅝

San Francisco, Sept. 12.—Vegetable oils were quieter. Prices as follows:—

TEASEED.—High acid teaseed oil is quoted on the basis of 13c. per pound in drums or tankcars, f.o.b. Pacific Coast ports, with business reported to have been closed on this basis. Demand is said to be running high owing to the sharp rise in olive oil.

RAPESEED. — Refined and denatured rapeseed oil is quoted nominally on the basis of 6¾c. per pound in tankcars, f.o.b. Pacific Coast ports for forward shipment. Spot stocks are reported to have been cleaned out.

BABASSU.—Babassu nut oil is quoted on the basis of 6⅝c. per pound in tankcars, f.o.b. mills, Pacific Coast.

OITICICA.—Quoted on the basis of 19c. to 20c. per pound in drums and/or tankcars, f.o.b. Pacific Coast for spot shipment or future delivery from Brazil, with the market steady.

COTTONSEED.—Cottonseed oil, domestic bleachable, has turned easier after reaching a peak price level of 7¾c. per pound during the week. Business today can be done on the basis of 7½c. Foreign oil has been figuring in the market here at around 4½c., c.i.f., subject to re-export after processing.

PERILLA.—Perilla oil dropped back to 13½c. per pound in tankcars f.o.b. Pacific Coast for prompt or deferred shipment, after touching 14c. during the week.

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Linseed Oil

There were frequent sharp fluctuations in flaxseed prices. Linseed oil easier. Cake and meal steady.

Flaxseed—DULUTH, Sept. 15.—Car lot receipts of flaxseed are tapering off at this terminal, with cash handlers estimating close to 10,000,000 bushels of the 1939 Northwest crop have been marketed so far at Duluth and Minneapolis. Elevator stocks here at midweek topped the 900,000-bushel mark. Dealers report strong demand for all grades of flaxseed in the local cash market, with crushers the principal buyers and the basis on No. 1 seed holding at 4½c. over Minneapolis September. The price of $1.85½ a bushel was the top paid for No. 1 cash seed here at the peak of the war advance last week.

The week's closing price range was as follows:—

	Cash.	Sept.
Saturday	$1.65¼	$1.61
Monday	1.67½	1.63
Tuesday	1.67½	1.63
Wednesday	1.77½	1.70
Thursday	1.78	1.69
Friday	1.77	1.71

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	629,755	237,682	149,705	115,013
Since Aug. 1...	1,530,403	961,270	261,666	340,251

MINNEAPOLIS, Sept. 15.—A rather sharp decrease in the country movement of flaxseed developed just in time and with crushers able to handle the fresh receipts readily prices are holding firm compared with futures. For a time it looked as though the in-rush of supplies would tax handling capacity at elevators and react against demand, but to date cars have been unloaded with very little delay and the extraordinary movement has been absorbed very efficiently. With pressure subsiding interest in fresh arrivals is strong

The last government estimate of production conformed more to the ideas of the flax trade and it is estimated at about 10,000,000 bushels of the new crop have been marketed by the producers. Currently the farmers are inclined to hold back for war news to raise values.

Uniform quality of the new crop has been a feature. Better than 90 percent of receipts to date have been very much alike and crushers pay 3c. over September for most anything.

Local elevator stocks are increasing sharply, gain for four days of the present week being estimated at 1,425,000 bushels compared with a gain of 200,000 bushels in a like period last year. Deliveries and redeliveries on September contracts to date total 258,000 bushels. Open interest in September contracts has been reduced to 16,000 bushels. Open interest in December contracts is 1,906,000 bushels and in May 225,000 bushels, which is quite significant considering the amount of flax received. Apparently crushers were able to hedge the bulk of their purchases in oil sales.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.64	$1.61	$1.63½
Monday	1.66	1.63	1.66
Tuesday	1.63	1.63	1.65½
Wednesday	1.75½	1.70	1.74½
Thursday	1.75	1.69	1.74
Friday	1.75	1.70½	1.73

Crop movement in bushels follows:—

	Receipts 1939.	Receipts 1938.	Shipments 1939.	Shipments 1938.
This week..	558,600	224,040	84,000	10,710
Since Sept. 1...	1,593,200	708,580	229,600	25,780

WINNIPEG, Sept. 15.—Flaxseed futures were irregular with grain, changes in prices being sharp at times. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.59½	$1.60½	$1.57
Monday	1.67	1.68	1.60
Tuesday	1.62¼	1.63¼	1.59
Wednesday	1.65½	1.65½	1.60½
Thursday	1.68¼	1.69	1.63
Friday	1.68¼	1.69	1.63

BUENOS AIRES, Sept. 15.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	$1.12⅜	$1.06½
Monday	1.15⅝	1.06½
Tuesday	1.15½	1.07⅝
Wednesday	1.15½	1.15¼
Thursday	*1.18⅞	1.10⅝
Friday	*1.20⅜	1.10⅝

* October.

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States	.....	142,000	547,000
United Kingdom	563,000	488,000	.....
Continent	374,000	193,000	713,000
Orders	24,000	362,000	31,000
Others	8,000	.....	4,000
Totals	969,000	1,185,000	1,295,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States	11,287,000	9,018,000
United Kingdom	2,063,000	1,114,000
Continent	19,332,000	18,358,000
Orders	7,944,000	7,148,000
Others	2,473,000	1,639,000
Totals	43,099,000	37,277,000

Visible Supply

	Bushels.
Last week	3,543,000
Previous week	3,937,000
Last year	4,331,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom	108,000	504,000	240,000
Continent	.....	.....	.....
Others	.....	12,000	.....
Totals	108,000	516,000	240,000

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom	6,312,000	6,524,000
Continent	420,000	488,000
Others	320,000	84,000
Totals	7,052,000	7,096,000

Linseed Oil.—The local situation was somewhat easier, the tone being influenced by a bearish government report on the flaxseed crop and by a falling off in demand although withdrawals on contracts were rather heavy. One crusher announced a reduction in prices of ½c. early in the week but later the previous quotations was restored by this seller, prices subsequently being reduced two points. Late in the week quotations ranged from 9.4c. to 9.5c. per pound in tankcars, but it was intimated that the inside figure could be shaded slightly.

The volume of new business closed for the week was rather light, but there was a steady movement here of liberal proportions to consumers and dealers on unfilled contracts, and similar reports were received from other crushing centers.

A development of interest was the publication of the monthly government flaxseed crop report. This proved to be more bearish than had been expected, the indicated yield as of September 1 being put at 17,246,000 bushels against 15,750,000 bushels in the previous month and a production last year of 8,171,000 bushels.

The surplus in Argentina from the last crop remaining unsold was put at only 8,110,000 bushels. There were no shipments from that country to the United States last week. Argentina freight rates have recently advanced sharply.

MINNEAPOLIS, Sept. 15.—Another spurt of trade in linseed oil developed last week and crushers were able to add to their open contracts quite freely. Most of the oil taken on this last spurt covered deferred requirements. Shipping instructions on maturing contracts are good and the out-movement is heavy. Mills are running at about 100 percent of capacity and will continue to do so during the near future at least. What will occur later depends to some extent on how the negotiations over the proposed trade pact with Argentina turn out. Stocks of oil on hand increased considerably this past week in spite of the good shipping instructions and liberal out-movement. Crushers used every unloading facility in handling flax arrivals and considerable went direct to presses.

Quotations on carload lots, f.o.b. Minneapolis, tankcars, 9c. per pound; cooperage cars, 9.6c. per pound; warehouse lots, 10c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	3,420,000	2,212,519
Since Sept. 1	6,960,000	3,879,449

SAN FRANCISCO, Sept. 12.—After jacking up the card price on tankcars to 9.5c. during the week, sellers returned linseed oil to its position of just one week ago at 9c., where it rests today. No business of consequence is in sight, although much of the California production is now in contract. Drums have been moving slightly. Quoted:—Tankcars, 9c. per pound; drum lots, ex-mill, 9.6c.; drum lots, ex-warehouse, 10c.

CHICAGO, Sept. 15.—Demand for linseed oil has been active. Ruling prices are:—Tankcar, 9.5c. per pound; barrels, car lots, 10.1c.; barrels, less than car lots, 10.5c.

Cake and Meal.—A steady tone prevailed in the market here, quotations being maintained at previous levels. There were reports of a somewhat better domestic demand for meal. Export trade in cake quieter.

MINNEAPOLIS, Sept. 15.—Demand for linseed meal fully equaled offers and prices continue to strengthen. Crushers are offering very little meal for near or deferred shipment. They may have a surplus over their sales and shipping instructions but the tone of the market is such as to restrain them from pressing offers.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, $34.50 to $35 per ton.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	4,720,000	3,249,380
Since Sept. 1	8,640,000	5,727,345

CHICAGO, Sept. 15.—Linseed meal more active and firmer. Ruling prices are:—Round lots, $34 per ton, largely nominal; car lots, $34 to $35; less than car lots, $36 to $37.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cottonseed Oil

Refined cottonseed oil futures were irregular, changes in prices being narrower than in the previous week. Southern markets were quieter.

Cottonseed Oil.—The market here for refined cottonseed oil futures was quieter last week, local and other traders in not a few cases being disposed to curtail operations after the recent activity and sharp advance in prices and await further developments in European political affairs as well as in the markets for other commodities. Fluctuations in prices, though frequent, were within much narrower limits than in the previous week, the range between the high and the low points of the week on the more active months being about 25 to 30 points. Price movements in the market for lard futures were also narrower, with the trading on a much smaller scale than recently.

Commission houses were on both sides of the market for cottonseed oil futures, buying the fall and winter months on weak spots and selling on advances. Trade interests were credited with purchases. On upturns hedge selling was noted though pressure from this source was not very pronounced. There was further switching from near to distant positions. September was switched to October on even terms. October was switched to December at 20 points difference, to January at 26 to 27 points and to March at 38 points. December was switched to March at 18 to 19 points. Further tenders on September contracts brought the total for the month thus far up to 53.

A development of interest was the publication of the monthly cottonseed report from the Census Bureau. This pointed to a consumption during August of 297,006 barrels. The figures were larger than the generality of the trade had expected but they had little effect. In the previous month the consumption was 242,837 barrels and in the same month last year 327,126 barrels. The visible supply showed a decrease for the month of 132,200 barrels, leaving a total of 1,519,400 barrels against 1,399,700 barrels a year ago and 1,110,600 barrels two years ago.

Southern markets for crude oil were easier, quotations in some sections being ½c. lower than in the previous week. Offerings late in the period, however, were reported as light owing to the failure of the seed movement to the mills to increase in the way that had been expected at this stage of the season. Coconut oil remained firm with quotations on refined higher than in the previous week. Corn oil was easier, offerings being somewhat freer. A further advance occurred in lard compound. The weight of the hogs received at Chicago during the week ended September 9 averaged 265 pounds, or 20 pounds less than in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 9 to September 15, inclusive, comprised 952 contracts, a total of 57,120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	7.49	7.20	7.47@7.49
March	7.61	7.32	7.58 sale
September	7.20	6.95	.....
October	7.24	6.97	7.20@7.25
December	7.43	7.14	7.40 sale

Crude, Southeast, .06⅛@06¼c. Nom.

Chicago, Sept. 15.—While the cottonseed oil market seems to have quieted down to some extent from the excited tone which characterized it for some days after the outbreak of the war abroad, the market still seems to be quite strong. However, prices now prevailing have shown some recessions from the extreme highs recently reached. Good, off-Summer, yellow fig oil is 7⅜c. per pound. Refined, edible oil is 9c. to 9½c. per pound, barrels, car lots; and 9¼c. to 9¾c., barrels, less than car lots.

Cake and Meal.—Southern markets were quieter, buyers being disposed in some cases to hold off for further developments. Offerings were reported as light. According to official statistics, stocks at the mills at the close of August were 97,085 tons, against 217,693 tons a year ago.

Markets at Other Centers

Atlanta, Sept. 13.—Cottonseed products continue their upward trend. Meal is quoted at Southeastern mills at $27 to $27.50 per ton. Prime crude oil, 6¼ cents per pound.

The trade seems uncertain as to how much the war is inflating prices and whether the present price trend can be depended upon.

Cotton picking is progressing rapidly all over the eastern cotton belt, the crop having reached early maturity this year. Yields are reported only fair.

Memphis, Sept. 15.—Crude cottonseed oil active this week, most sales being at 6c. per pound, Valley basis, although a few transactions were noted at 6⅛c. Today 6c. generally bid. Meal continues firm at $27.50 per ton for prime 41 percent, Memphis basis. Bulk slab cake reported sold today at $26 per ton, Valley basis, September shipment. Cottonseed hulls $5 per ton at mill points. Weather clear and hot. Cotton picking slowing up. Mills reporting seed movement under normal as holding general among farmers and ginners.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 7.	September 14.
September	$27.20@27.35	$27.00@28.00
October	26.90@——	26.65@27.00
December	26.85@——	25.75@26.25
January	26.75@27.00	25.60@26.25

Fatty Acids

Capric Acid.—A firm tone continued to prevail, quotations being held at recently advanced levels. A further increase was noted in the movement to local and other consumers.

Castor Oil.—The market for this fatty acid remained in a firm position, reflecting the recent increase in the price of basic material. An expanding inquiry was noted.

Coconut Oil.—Business was more active, a considerable increase being noted in some quarters in the request from makers of soaps and shampoos as well as other consumers. Prices remained firm.

Cottonseed Oil.—Basic material was unsettled at times but the market for cottonseed oil fatty acid continued to display a firm tone. Demand was reported as good.

Myristic Acid.—The market was firm at the advance noted in the previous week. The inquiry from makers of soaps and cosmetics showed a further increase.

Red Oil.—Quotations were firmly maintained at the recent advance to the basis of 8c. in tankcars. A further increase was noted in the movement into local and other consuming channels.

Stearic Acid.—Double pressed continued to be held at 12c. per pound in car lots, the tone of the market being very firm. Raw material was firm, with offerings light, and demand for stearic acid continued active. Importations during July were 51,966 pounds.

Markets at Other Centers

Chicago, Sept. 15.—Purchases of fatty acids have been fairly substantial here recently. Quantities involved seem quite good. Special cottonseed items are a little easier after their recent uprush. Stearic acid also is stronger.

FATTY ACIDS.—Corn oil, double distilled, 8¾c. to 9c. per pound, tankcar; 9¼c. to 9½c., barrels, car lots; 9¾c. to 10c., barrels, less than car lots; coconut oil, acidulated, 8¾c. to 9c. per pound tankcar, largely nominal; 9¼c. to 9½c. barrels, car lots; 9¾c. to 10c., barrels, less than car lots; cottonseed oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c. barrels, car lots; 8¾c. to 9c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3½c. to 3¾c. boiled down soap stock, 65 percent basis, 4½c. to 4⅝c.; cottonseed foots, 50 percent basis, 2c. to 2½c.

STEARIC ACID.—Distilled, single press, 11½c. to 12½c. per pound; double press, 12c. to 13c.; triple press, 14¾c. to 15¾c.

Fish Oils

Menhaden.—Local quotations on refined oil were maintained at the levels announced in the previous week, with the tone of the market firm. Business was active, though the volume of new orders received in some quarters showed a falling off as compared with the previous week. Crude offerings continued to be reported as light, with quotations nominal.

Sardine.—There was a steady movement of refined oil into local and other consuming channels on contracts and transient orders. The market retained a very firm tone.

Sperm.—The market was firmer. The inquiry continued active and there was a steady movement to local and other buyers.

Whale.—Refined oil was firm, quotations being maintained at the advance noted in the previous week. There was a good inquiry.

Markets at Other Centers

Baltimore, Sept. 13.—Sales of crude menhaden oil have been made the past week at 30 cents per gallon. Producers are not eager to book business even at that rate, for, in the first place, they do not know whether they will make enough oil to fill the orders already booked, and in the second, they do not want to be in the position of having to make delivery at 30 cents when, by holding off, they may be able to get very much higher prices. The current fishing season may cover all of October and may even extend into November, but by the end of October most of the fishing companies cut out for the reason that by then the catch of menhaden usually dwindles to small proportions.

San Francisco, Sept. 12.—In an unprecedented surge, California sardine oil last week swept rapidly up to a point where sales were consummated in this market on the basis of 35 cents a gallon in tankcars, f.o.b. production source, and as the trading level eased off to 33 cents, machinery was immediately set in motion opening the way for production of the first oil of the 1939-40 season. There were some 200 tankcars of oil moved here within the last few days at high prices, bringing the approximate total of California oil sold so far this season to about 500 tankcars. As oil leveled off to 33 cents after reaching the 35-cent price, it was understood that bids on a basis of 32 cents were put through, although this was not general at a late hour today, and oil was difficult to get at this price.

Settling of the labor agreements which will bring into action hundreds of fishing boats was in sight this afternoon as final minor details were being ironed out in meetings between the plant operators and representatives of the labor groups. It was already conceded that the fishermen, in view of the high oil and meal prices, would get the $11 per ton they have been asking for. Probability of the boats going out this evening and returning tomorrow morning with the first catches was a hope. Tests conducted by the Fish and Game Commission have shown fat fish to be present off California shores and no difficulty is anticipated in bringing in good catches.

This situation differs however, from conditions obtaining off Oregon and Washington shores, where oil reduction has been miserably stalemated owing to a scarcity of fish. No production has been reported for weeks from that direction and in their desperation, operators have sent airplanes scouting over the seas in the hope of locating schools of fish. Contracted receivers of oil from Oregon and Washington, who bought at low prices earlier in the season are anxiously awaiting news of further production there, but if conditions fail to improve shortly, such buyers are apparently doomed to disappointment.

Although the Kodiak area in Alaska is closed because of the taking of the full quota of herring this season, an increased limit has been allowed in the Prince William Sound district, according to word received today. Alaska has had a fully normal season and is expected to close up shortly.

Fats and Greases

Grease.—The market remained in a firm position. Offerings continued light, and quotations were still generally nominal. There were reports of a good inquiry.

Lard.—Local cash quotations showed irregularity in company with developments in futures in the West where the tendency of prices was reactionary at times under liquidation of long accounts. There were reports of a good domestic and export inquiry.

Stearin.—The market was firmer with the inquiry good, sales being reported at a further advance of about 1c. per pound.

Tallow.—A firm tone continued to prevail. Offerings were reported very light much of the time, though supplies were available in a limited way. There were reports of sales at 6c. to 6½c. per pound for extra.

York Produce Exchange from September 9 to September 15, inclusive, compriced 12 contracts, a total of 720,000 pounds. Following is a price record for the week:

	Cents per pound in tanks— High.	Low.	Close.
January	6.20	6.20	6.50@6.85
February	6.50	6.50	6.50@6.90
November	6.00	6.00	6.45@6.65
December	6.10	6.10	6.50@6.80

Markets at Other Centers

Chicago, Sept. 15.—Activity in cash lard recently has been better as a result of the European war situation than in some years and prices now are giving a good account of themselves. Shipping trade has been stepped up substantially.

The range of lard quotations from the opening Saturday, September 9, to the close Friday, September 15, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.25	$8.25	$7.75	$8.00	$8.25
October	7.50	7.85	7.47	7.72	7.40
December	7.47	7.80	7.40	7.45	7.45

TALLOWS (tierces).—Edible, 7c. to 7¼c. per pound; prime, 6c. to 6½c.; fancy, 6c. to 6¼c.; special, 6c. to 6¼c.

GREASES (tierces).—Choice white, 6c. to 6¼c. per pound; A white, 5¾c. to 6c.; B white, 5½c. to 6c.; yellow, 10-16, 5¼c. to 5½c.; yellow, 16-20, 5¼c. to 5⅝c.; brown, 4¾c. to 5c.

STEARINS (barrels).—Prime oleo, 7½c. to 8c. per pound; lard, packages, 9c. to 9¼c.; white grease, 5¾c. to 6c.; yellow grease, 5½c. to 5¾c.; oleo stocks, 9c. to 9½c.; No. 2 stocks, 8½c. to 9c.

Animal Oils

Degras.—The market was firm at the advance noted in the previous week. Offerings were light and quotations were still mainly nominal. There was a good inquiry.

Lard.—Business showed further improvement, an increase being noted in the inquiry for the various grades, with prompt shipments generally requested. The market retained a firm tone, prices being up ¼c. to ¾c. per pound.

Neatsfoot.—The inquiry continued to be reported as good, the movement to local and other consumers in some cases showing an increase over the previous week. Prices were advanced ¼c.

Oleo.—A further inrease was noted in the inquiry. Offerings were light and the market had a firmer tone, prices being 1½c. per pound higher.

Markets at Other Centers

Chicago, Sept. 15.—Animal oils, along with the general fats and oils market, are strong and demand has shown considerable improvement in the last few days.

LARD.—No. 1, 9c. to 9¼c. per pound.

OLEO.—No. 2, 9c. to 9¼c. per pound.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; and 8¾c. to 9c., barrels, less than car lots.

Waxes

Bayberry.—The market was thoroughly unsettled by chaotic demand and very conservative supply. Prices were higher and nominal at 30c. per pound.

Bees.—African wax was higher at 23c. per pound. No prices were named on Brazilian crude wax. Refined yellow wax was up to 30c. White bleached wax ranged 37½c. to 39c. per pound, covering slabs, cakes, and discs according to quantity. In most instances, these were nominal prices because of circumstances prevailing as the result of demand started when war broke in Europe.

Carnauba.—Demand was heavy and spot stocks were sharply reduced. In

—Continued on page 52B

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Beehive Brand BEESWAX
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• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E 9 Syracuse, N. Y.
Established 1855
Spermaceti Ceresine Red Oil Glycerine Stearic Acid
WARRANTED PURE BEES WAX

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New York Produce Exchange (Futures in Cottonseed Oil)
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90-92% SAPONIFIABLE
(About 45% Rosin Acids, 45% Fatty Acids)
Prompt Delivery Ex-Warehouse, New York
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117 LIBERTY STREET, NEW YORK
Specialists Since 1920

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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PURE — Ascorbic Acid Merck meets and conforms to all tests for identity and purity of pure crystalline vitamin C.

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Drugs, Fine Chemicals

Quicksilver and Mercurials Rise — Minor Alkaloids and Salts Advance—Glycerophosphates Higher—All Tartar Products Up —Natural Camphor Value Increased—Demand Heavy

The past week was a period of advancing prices for many groups of materials in the drug and fine chemical market. Changes to higher levels came in all tartar products, quicksilver derivatives, strychnine, minor alkaloids, and salts of all varieties, and glycerophosphates. Again, there were higher quotations on castile soap, Haarlem oil, blackstrap molasses, quicksilver, crude tartar, santonin, adeps lanae, and C. D. alcohol. Quinine showed growing strength but failed to change in price.

The forward position of many imported items was rendered foggy and uncertain by the setting up abroad of systems of export permits. Definitely, Holland, Norway and Iceland have their license systems at work and some importers of merchandise originating in those countries reported that shippers were experiencing difficulty and delay in getting the necessary documents. Licenses were also needed to make shipments from this country to Great Britain, France, or Algeria and Sweden.

Demand reaching the spot market was heavy all week. So heavy, in fact, that sellers were disposed to show reserve because assurance of normal replacements was lacking, because stocks of many items were low; and because prices were advancing steadily. In all respects it was a sellers market and sales volume exceeded all limits for a number of years. Buyers could safely assume that many quotations were nominal.

Acid, Citric.—One of the leading makers of this acid announced last week that he would make no change in quotations for one year beginning October 1, 1939. This announcement had a pronounced stabilizing effect.

Acid, Tartaric.—Domestic manufacturers advanced quotations to the basis of 29¼c. per pound in lots of 10,000 pounds, one shipment. Smaller quantities were priced at 29¾c. and kegs were charged ½c. per pound higher than barrel packing.

Adeps Lanae.—Rising cost of raw material caused an advance in quotations on this item. Hydrous became 18¾c. to 19¼c. per pound, and for the anhydrous, 19¾c. to 20¼c. per pound.

Alcohol.—Quotations on completely denatured material were advanced 2c. per gallon and business on the new basis would not be taken beyond December 31. New prices were as follows:—Tanks, 23½c. per gallon; drums, car lots, 29½c.; less than car lots, 34½c. All quotations were based at Eastern production points. Prices on all other kinds of alcohol were extended to December 31, being unchanged but very firm in all quarters. On C. D. alcohol, most of the present contracts extend to March 31. The advance on less than car lot prices was 3c. per gallon.

Blue Mass.—Quicksilver advanced further last week, raising production cost of this soft mercurial. The market was established on the basis of $1.24 per pound for U.S.P., and to $1.26 for the item in powdered form.

Brucine.—This item felt the generally rising cost of replacement material and spot quotations were set up on the basis of 15c. per ounce for alkaloid, and 12c. for sulphate, with demand good.

Castor Oil.—No further advance in prices was made but the cost to bring in raw material continued to have a rising trend and further increase on oil quotations was not unlikely. Demand has been stimulated by general conditions but it was definitely declared that castor oil as a lubricant for military air craft operating in Winter would not be used because of the satisfactory petroleum lubricants available.

CHICAGO, Sept. 14.—At recently advanced prices, castor oil is subject to a continuing good demand. Inquiry remains brisk, and supplies are being well matched by the current volume or orders. Ruling prices are:—No. 1, barrels, car lots, 9⅜c. per pound; barrels, less than car lots, 10¾c.; returnable drums, car lots, 9⅛c.; drums, less than car lots, 10¼c.; tanks, 8⅞c.; No. 3, barrels, car lots, 9⅛c.; barrels, less than car lots, 10¼c.; returnable drums, car lots, 8⅞c.; drums, less than car lots, 10c.; tanks, 8⅜c.

Calcium Glycerophosphate.—After a long period of price stability, this item responded to the generally stimulated market situation and quotations rose to the basis of $1.10 per pound in 1,000 pound lots; smaller lots, $1.25.

Calomel.—Quotations were higher at $1.97 per pound because of the further advance in the cost of quicksilver. The market was lively throughout the entire period.

Camphor.—Natural camphor from Japan was in feverish position last week, prices advancing in the primary market and rising on spot to the basis of 62c. to 63c. per pound for powder; slabs, 63c. to 64c.; tablets, 68c. to 69c. No further change was made in quotations on domestic synthetic material but the producers were pushed to care for all the business offered. Production was at capacity.

Castile Soap.—Top quality Italian soap was advanced to the price basis of $14 per case. Powdered soap ranged 33c. to 36c. per pound, according to seller and quantity, with suppliers showing a disposition toward reserve.

Citrine Ointment.—Production costs were rising and producers kept pace with the movement by advancing quo-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Argolo, No prices
Alcohol, C.D., tanks, dms., c.l., 2c. per gal.
dms., l.c.l., 3c. per gal.
Acid, tartaric, 2c. per lb.
Aconitine, amorph, $6 per oz.
crystals, $12 per oz.
Adeps lanae, hydrous, 2¼c. per lb.
anhydrous, 2¾c. per lb.
Atropine alkaloid, $2.50 per oz.
sulphate, $1.40 per oz.
Blue mass., 8c. per lb.
Brucine alkaloid, 5c. per oz.
sulphate, 5c. per oz.
Cocoa butter, 3½c. per lb.
Cadmium bromide, 5c. per lb
iodide, 45c. per lb.
metal, 10c. per lb.
Calcium glycerophosphate, 10c. per lb.
Calomel, 30c. per lb.
Camphor, natural, Japanese slabs, 8c. per lb.
powder, 7c. per lb.
tablets, 8c. per lb.
Castile soap, Italian, $2.25 per case
powdered, 5c. per lb.
Citrine ointment, 2c. per lb.
Chrysarobin, $1.25 per lb.
Corrosive sublimate, 20c. per lb.
Cream of tartar, 1½c. per lb.
Eserine alkaloid, $7 per oz.
salicylate, $9 per oz.
sulphate, $8 per oz.
Emetine hydrochloride, $5.50 per oz.
Haarlem oil, $2.35 per gross
Hydrastine alkaloid, $2 per oz.
Hydrochloride, $2 per oz.
Sulphate, $2 per oz.
Hyoscyamine alkaloid, now quoted per grain in 5 gr. vials
Hydrobromide, now quoted per grain in 5 gr. vials
sulphate, now quoted per grain in 5 gr. vials
Iron glycerophosphate, 28c. per lb.
Menthol, synthetic, 25c. per lb.
Methyl acetone, natural, 7c. per gal.
Manganese glycerophosphate, 29c. per lb.
Mercury oxide, yellow, technical, 15c. per lb.
U.S.P., 15c. per lb.
red, technical, 15c. per lb.
N. F., 15c. per lb.
Bisulphate, 15c. per lb.
Iodide, red, 15c. per lb.
Yellow, 15c. per lb.
Ointment, 30%, 8c. per lb.
50%, 12c. per lb.
Potash glycerophosphate, 10c. per lb.
Quicksilver, $12 per flask
Red precipitate, N. F., 15c. per lb.
Rochelle salt, 1c. per lb.
Santonin, $5 per kilo
Seidlitz mixture, ¾c. per lb.
Soda glycerophosphate, 10c. per lb.
Strychine alkaloid, crystals, 10c. per oz.
powder, 8c. per oz.
Sulphate, crystals, 8c. per oz.
powder, 8c. per oz.
minor salts, 13c. to 14c. per oz.
Yohimbine, $1.50 per oz.
Tartar emetic, U.S.P., 1c. per lb.
technical, 1c. per lb.
Terpin hydrate, 15c. per lb.
White precipitate, 15c. per lb.
Zinc stearate, U.S.P., 1½c. per lb.

Reduced

Corn syrup, 10c. per 100 lbs.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
191.8	186.1	182.6	182.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and the fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

PHARMACEUTICAL CHEMICALS

ACETANILID
CAFFEINE ALKALOID
CHLORBUTANOL
CALCIUM LACTATE
GLUTAMIC ACIDS AND SALTS
REDUCED IRON
THEOPHYLLINE

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SODIUM BENZOATE U. S. P.

Powder • Flakes • Granules

The accepted standard preservative for Fruit Juices and other Food Products. Depend on Heyden Sodium Benzoate for Purity and Uniformity.

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BENZOIC ACID U. S. P.
BENZALDEHYDE N. F.
METHYL SALICYLATE U. S. P.
SALICYLIC ACID U. S. P.

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CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
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C/P

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Genuine Imported U. S. P.
FLAG BRAND
All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
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ANALYZED C. P. ACIDS
Unfailingly uniform. Packaged in Patented, Acid-Tite Bottles, with molded plastic screw caps. Convenient. Leakproof. Safe. Write for prices.
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Established 1910
HUISKING
IMPORTERS AND EXPORTERS
DRUGS, CHEMICALS, OILS, RAW MATERIALS, Etc.
CAMPHOR DOMESTIC U. S. P., Dupont,
Powdered, ½ oz. and 1 oz. tablets
COD LIVER OIL,
Peder Devold Brand, Finest Lofoten Norwegian Medicinal.
MENTHOL CRYSTALS, U. S. P.
Alkaloids
Camphor Japanese
Cocoa Butter, U. S. P.
Santonine
Naphthalene
Conti White Castile Soap U.S.P. Bars, Powdered, Granulated
CHAS. L. HUISKING & CO. INCORPORATED
155 VARICK STREET NEW YORK, N. Y.
CHICAGO BRANCH: 561 E. ILLINOIS STREET

tations on this ointment 2c. per pound, making the market 82c. per pound.

Corrosive Sublimate.—Quotations were higher at $1.64 per pound for crystals, and $1.49 for granular and powdered material. This was clear reflection on the extension of the recent severe rise in the price of quicksilver.

Cream of Tartar.—Crude tartar costs were rising and there was no sign of an end to the advancing trend. Producers of cream of tartar covered the rise by advancing quotations to the basis of 23¾c. per pound on 5,000-pound lots, one delivery; smaller lots, 24¼c. Prices for deliveries in kegs were ½c. higher than barrel packing.

Emetine.—Stocks of this item were moderate and conditions were not favorable for normal replacements because of the foreign situation. Spot quotations were higher at $19 to $19.50 per ounce.

Glycerin.—As yet the spot glycerin market has yet to reflect the European war and the generally advancing trend of spot quotations on a wide range of materials. Quotations were definitely firm, sellers were reserved as to whom they would sell and the quantity they would deliver. Every effort to prevent speculation was being made at all times during the period under review. By judicious sales policy, it was believed that no shortage in glycerin of any sort would likely develop in the nearby future, even for the fairly distant future. Stocks reported by the Bureau of Census constituted an excellent reserve and there seemed to be nothing likely to interfere with operation of production plants at satisfactory volume. Imports of crude glycerin in July totaled 655,617 pounds, coming from the following countries:—

	Pounds.
Germany	None
Cuba	108,600
Argentina	478,147
Uruguay	68,870
Total	655,617

CHICAGO, Sept. 14.—Panicky buying in some quarters has been noted in c.p. and other grades of glycerin and this has been decried by responsible sellers, who point out that there is plenty of glycerin and no prospect of shortages if buyers retain their equilibrium and take only reasonable amounts. Over-buying in some quarters might have the effect of unsettling the market. Currently, there is no change in price, with tone steady. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; car lots, 12c.; less than car lots, 12½c.

Haarlem Oil.—Plenty of oil was available in Holland—not on spot. Exports from the source were under a license system. Spot stocks were revalued upward to the basis of $5.50 per gross.

Hydrastine.—Replacements from foreign points will be difficult and possible only at advancing cost to the importers. Spot quotations reflected the situation when alkaloid and hydrochloride rose to $17 per ounce in cans and $17.25 in bottles; sulphate was priced $18 in cans and $18.25 in bottles.

Hyoscyamine.—Stocks were so small that sellers adopted the policy of selling only in 5-grain vials in place of in bottles by the ounce. Alkaloid, hydrobromide, and sulphate were quoted 60c. per grain.

Iron Glycerophosphate.—The first change in quotations to be made over an exceptionally long period of time was a very sharp advance, developing last week the price of $3.15 per pound in 1,000-pound lots; smaller lots, $3.25.

Manganese Glycerophosphate. — In quanties of 1,000 pounds, the price was advanced to $2.30 per pound and for smaller lots the price was $3 per pound. There was a strong tone to the market and the rise was the first change in a very long time.

Mercury Bisulphate.—Quotations on five pound bottles were advanced to $2.17 to $2.19 per pound; drums, $2.04; jars, $2.06. The quicksilver market was strong and advancing, creating the upward swing in prices for all mercury derivatives.

Mercury Iodide.—The N.F., red, was higher at $3.95 to $4 per pound in drums or cans; $4.06 to $4.10 in bottles. The yellow was $4.16 to $4.20 in bottles; $4.05 for either cans or drums. Production costs were higher because of prevailing quicksilver prices.

Mercury Ointment.—The 30% was higher at 99c. per pound in pails, 50 pound lots, and $1.01 in quantities of 25 pounds. The 50% was priced in pails at $1.44 for 50 pound lots and $1.46 for 25 pound deliveries.

Mercury Oxide.—Yellow—both technical and U.S.P.—were 15c. per pound higher at $1.86 per pound for the former, and $2.38 for the latter. Red oxide was $2.16 per pound for N.F.; technical, $1.91. Continually rising cost of quicksilver was behind the movement upward.

Molasses.—Alcohol production will show a higher cost because of the advancing cost of blackstrap molasses. Quotations last week were 5½c. to 6c. per gallon, North Atlantic ports, and 4½c. to 5c. at New Orleans.

Quicksilver. — Quotations were advanced to $137 per flask following sales made at $132.50 and $135 per flask, under conditions that indicated some loosening of supplies held on the Pacific Coast. A very good business was done at the rising market. Production from low grade is now profitable.

SAN FRANCISCO, Sept. 12.—Quicksilver's meteoric rise last week carried it up in a series of quick advances to a point where one seller in the market today reported business closed at a level of $135 per flask, New York basis, after earlier sales in the period being at $110, $120, $125 and $130, serially. Brisk demand from the East Coast brought some so-called speculative stocks out of hiding and, altogether, some 1,000 flasks of metal changed hands, according to reliable estimates here, mostly for nearby shipments. Metal is declared to have a ready market at $135, limited apparently to what material is available for sale, as bids continued to pour into sellers' hands here at a late hour today. Sellers stated in most cases they were out of the market entirely. Although some quicksilver remains on the books at around $85, to be delivered through November, for the most part metal has not been sold very far ahead and sales agents for the mines expect to be able to sell October production soon if they care to dispose of stocks, or feel that the market is favorable. Meantime, demand far exceeds the current supply.

Quinine.—As yet no change in quotations has been made, but the market appeared to be gaining in strength and a moderate increase in values would not be surprising in view of the rising ocean freight and war risk insurance rates. Exports from Holland, of both quinine and the raw material—cinchona bark—are subject to an export permit system instituted on all Netherlands products.

Red Precipitate.—The N.F. quality of this item was more costlier to manufacture and hence the article commanded a higher price last midweek. The market became $2.16 per pound.

Rochelle Salt.—Basic raw material was advancing and producers followed that up by raising quotations on this derivative to 19¾c. per pound for crystals in 5,000 pound lots, one shipment; smaller lots, 20¼c. Powder was 18¾c. in 5,000 lots, one delivery, with smaller lots holding at 19¼c. after the advance.

Santonin.—The rise was extended and at $115 to $120 per kilo a very firm position was established by the excellent call from manufacturing consumers.

Seidlitz Mixture.—Deliveries in barrels, 5,000 pounds one shipment, were priced at the higher level of 15⅜c. per

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pound; smaller lots, 15⅞c. Keg packing was available at an advance of ½c. over the above prices.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce	Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	28	36¾	21 5/16
Monday	27⅝	36⅛	20 15/16
Tuesday	27⅝	36	20⅞
Wednesday	27⅝	36⅜	21 5/16
Thursday	27⅝	36	21½
Friday	27⅝	36¼	22⅛

Soda Glycerophosphate.—N. F., crystals were higher at $1.10 per pound in 1,000 pound lots; smaller quantities, $1.25; powder, 1,000 pound lots, $1.15; smaller lots, $1.30.

Sorbitol.—Prices on this article were unchanged, nor do the producers anticipate any upward revision of prices. Makers desire to extend their position with both old and new customers and hence present prices are expected to hold so long as present production costs hold unchanged. Car lot quantities in drums were quoted 15½c. per pound, works; less than car lots, 16c. What had appeared to be prices on sorbitol in the previous issue of this paper were, in fact, quotations on soybean protein, which quotations appeared under sorbitol through a disarrangement of type.

Strychnine.—Quotations on alkaloid were advanced to 60c. per ounce for crystals and 50c. for powder; sulphate, crystals, 50c.; powder, 40c. Higher quotations on all salts were in process of being setup late last week.

Tartar Emetic.—The market was up 1c. per pound on fine granular technical to the basis of 28¾c. per pound in quantities of 5 barrels or more; smaller lots, 29c.; powder, 5 barrels or more, 29c.; smaller lots, 29c. The market on U.S.P. was 34c. to 34½c.

White Precipitate.—Production cost was higher and quotations on powder were raised to $2.06 per pound in 50-pound lots or more, and to $2.19 for deliveries in 5-pound bottles.

N.W.D.A. Completes Convention Plans

—Continued from page 4

say nothing of horse drawn carriages, the convention is going South in a big way.

Insofar as it is practical, the entertainment has been designed for the actual setting. The world premiere of Paramount's new picture, "Disputed Passage" is one such, although, as is so often the case in titles, the name belies the fact, "Disputed Passage" has a theme of particular interest to members of the association. Another feature picture will be "Triumph Over Pain," which is built around the discovery of anaesthesia. Lloyd C. Douglas, author of "Disputed Passage," will be on hand and his original transcript, through the courtesy of Cosmopolitan Magazine, as well as a painting from which one of the illustrations was reproduced are being given for a drawing.

Sunday's feature events will be a mint julep party in the Casino and a pageant, "The Story of Old White," in seventeen scenes, which has been written around historical facts especially for this event.

Monday Shep Barclay will be the ladies' guest of honor at their luncheon, and will preside over the games in the afternoon. The "Colonel" Davises will be guests of honor Monday night for dinner and later will receive in the ballroom. Cornelia Otis Skinner will be the distinguished guest for the ladies' luncheon Tuesday noon. In the afternoon Shep Barclay will again preside at bridge and bingo. The minstrel show scheduled twice during the evening is especially designed for the occasion and holds much of interest. In addition to the minstrel show, a major surprise is to be announced.

The men's golf tournament is also being held on Tuesday. Wednesday the ladies' golf tournament will be held, followed by luncheon in the Casino. In the evening, Tony Sarg, in person, with his marionettes, will entertain twice—alternating with an old time medicine show followed by dancing in the ballroom.

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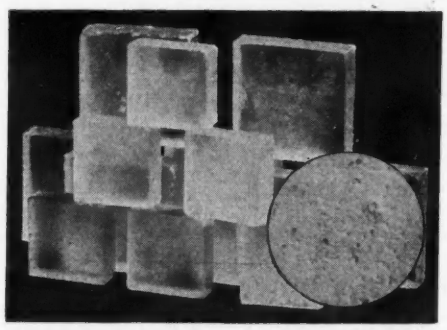

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Greater prolonged action; more highly adsorptive; and free from alkali.

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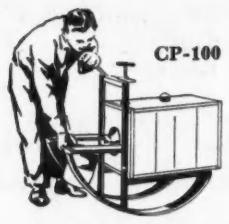

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The safe way of pouring acids. Protects clothing, shoes, floors. Cuts compensation losses. One man can tilt carboy quickly, easily, safely. Rugged welded steel construction—built to last.

BARREL TRUCK
Takes "back-breaking" and danger out of barrel, drum and fibre container handling. Picks them up regardless of size of bilge, weight or contents without operator touching them. Safety band prevents side rolling or falling off. Safely carries up to 800 lbs. Hyatt bearing equipped wheels. Sturdy construction to resist "roughneck" handling.

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One man can safely and quickly move carboy—no danger of spillage or dropping. Pedal spreads carrying arms which grip carboy under cleats. Hands left free. Well balanced; requires little effort to lift and roll full or empty carboy. Quickly pays for itself in time saved and accidents avoided. Sturdy steel construction.

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REPLACEMENT PROSPECTS for IMPORTED BOTANICAL DRUGS

The diminishing supplies of imported botanical drugs have forced steadily advancing prices. The difficulties of replacing spot stocks have a serious effect upon this market.

In most parts of the world the censorship of cables — the necessity of plain English rather than code — the sudden general demand for irrevocable letters of credit in the country of shipment — heavy war risk and other emergency insurance — rapid and sharp increase of freight rates — all combine to make importation difficulties very great.

It is of interest to review the prospect of supplies from various producing countries as follows:

NORTHERN AFRICA. Difficulties in obtaining shipping space will undoubtedly interfere with the regularity of supplies. It is anticipated that the "convoy system" that the British hope to work out may ease the position to a limited degree, thus possibly supplying ARABICS, SENNAS, COLOCYNTH.

BRITISH ISLES. The few products originating here appear to be stopped completely through refusal of licenses to export. Those items which clear through London from other countries appear to be non-existent.

CHINA. China presents peculiar difficulties resulting from their war. Products are offered spasmodically, often at greatly increased prices. Some supplies are getting through satisfactorily, as for example, STAR ANISE SEED and CHINESE NUTGALLS. EPHEDRA has been interfered with due to floods.

INDIA. India is the producing country for many botanical products including NUX VOMICA, PAPAIN, PSYLLIUM, KARAYA, KAMALA and others. Shipments to the United States may suffer quite heavily, not alone from the great distance and constantly rising prices, but also from the necessity of using steamship lines of belligerents.

HUNGARY. Conditions affecting Italian shipments will most likely apply to Hungarian exports. We hope to get a few important items here and there if nothing suddenly interferes.

PERSIA-TURKEY. Upon these countries we depend entirely for TRAGACANTH supplies. Normally, transportation from the interior is difficult and long drawn out. Adding the present risks of Mediterranean traffic it does not seem very encouraging for either adequate supplies or favorable prices.

American Crude Drug Division	*Water-Soluble Gum Division*	*Insecticide Division*	*Manufacturing Division*
Cascara Bark	**Acacia Gum**	**Pyrethrum Extract**	**Solid and Powdered Extracts**
Senega Root	**Karaya Gum**	**Pyrethrum Flowers**	**Alkaloids**
Digitalis Leaves	**Tragacanth Gum**	**Derris Root**	**Resins**
Mandrake Root	**Tahla**	**Derris Extract**	**Oleoresins**
Wild Cherry Bark	**Ghatty**	**Rotenone**	**Concentrations**
Etc.	**Etc.**	**Etc.**	**Etc.**

All Imported Botanical Drugs

A FULL LINE AVAILABLE AT JERSEY CITY AND CHICAGO

FRANCE. Culinary and medicinal herbs, seeds and roots, and products of French Colonial possessions are reported unusually small in supply. Prices have been withdrawn and French exporters are withholding quotations apparently until much higher levels are obtainable.

ITALY. After a period in which no prices for Italian goods could be obtained there is now a slight improvement with promises of limited shipments at substantially advanced prices, subject to the many conditions affecting shipping today. Should an adverse change occur in the nation's political situation, it is probable that further supplies will be cut off immediately.

POLAND. All supplies are definitely cut off, causing added difficulties in ERGOT, LYCOPODIUM, and many other botanicals.

JAPAN. War conditions appear to be the reasons for heavy advances in AGAR, CAMPHOR, JAPAN WAX and other commodities. MENTHOL appears in good supply. PYRETHRUM is already at an all time high.

RUSSIA. There is a hazy prospect that ships may get through from Northern Russian ports if all the war hazards can be avoided. Nevertheless, there is no information to justify confidence in obtaining any of these products, and existing contracts are in question.

SPAIN. Ordinarily, we should have favorable prospects for a dozen or more important botanicals which Spain produces. In addition to the disorganized state of Spanish commerce and the strict licensing for export, we have reason to believe there is an actual scarcity of most Spanish drugs. We entertain little hope for more than meager supplies and infrequent shipments.

While operating under these unprecedented circumstances S. P. Penick & Company offers full cooperation in providing supplies of botanical drug materials for this country's needs.

S. B. PENICK & COMPANY

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices, and Gums

Botanical Price Advances Continue But at Reduced Speed—Shortage Looms With European Market Cut Off—Foreign Goods Here Now Only Certain Supply

Conditions productive of the upheaval of botanical drug prices in the previous week continued active and influential throughout the period just ended. The trend of prices remained upward, although fewer changes were made and the pace of market price accelleration slowed down some. Nevertheless, basic causes remained a motive force closely geared and meshed with a demand equalling that in the previous trading period.

Sellers declared that buyers should reckon only on spot stocks at this time. Because of the war, getting goods shipped from abroad is uncertain; orders can and have been placed but guarantee of delivery here was impossible. Buyers should at the moment accept spot stocks as the sole available source of supply. Time may and probably will establish the machinery for getting wanted goods from abroad to this market. Such machinery is even now being assembled; or perhaps, the parts making up the machine are being examined and attempts made to fit them together. New sources of supply are being sought and connection with old ones through new channels attempted. But at the moment, continuing supply of foreign botanicals in indeterminate. Even now, there are large quantities of botanicals in Hamburg, Germany, bought and paid for by spot dealers, but the owners are far from certain that the botanicals will ever reach this country.

It was dealers' inability to see ahead into the future that caused them to name prices in accordance with the existing status of replacement. Such prices were high when compared with spot quotations prior to September 1 and the beginning of the war but, in most instances, they took into consideration the uncertainty of getting replacement stocks delivered to the spot from Europe.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	...	1,390
Belladonna	...	220
Caraway	1,864	21,959
Cardamom (cases)	32	1,077
Celery	...	1,623
Coriander	193	10,742
Cumin	278	3,052
Digitalis leaves (cases)	...	...
Dill	...	1,026
Fennel	421	1,401
Henbane leaves (bales)	...	126
Mustard	...	16,204
Poppy	...	24,317
Sage leaves (bales)	...	1,237
Sesame	1,846	14,887
Stramonium	299	389
Thyme	40	1,041

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aconite leaves, 3c. per lb.
Alkanet root, 3c. per lb.
Angelica root, imported, nominal.
Anise, Spanish, 5c. per lb.
Arnica flowers, 30c. per lb.
root, 9c. per lb.
Borage flowers, 3c. per lb.
Broomtop, 4½c. per lb.
Buchu leaves, 16c. per lb.
Calamus root, bleached, 10c. per lb.
Cantharides, Chinese, 10c. per lb.
Russian, 30c. per lb.
Cardamom seed, bleached, 25c. per lb.
Cascara bark, 2c. per lb.
Chamomile flowers, Hungarian, 10c. per lb.
Roman, 8c. per lb.
Clove, Madagascar, 3c. per lb.
Zanzibar, 6c. per lb.
Clover tops, 5½c. per lb.
Cocciliana bark, 6c. per lb.
Cumin seed, Algerian, 7½c. per lb.
Morocco, 7½c. per lb.
Damiana leaves, 4c. per lb.
Dragon's blood reeds, 10c. per lb.
Elder flowers, bright, 7c. per lb.
Ergot, 25c. per lb.
Fennel seed, German, 6c. per lb.
Gentian root, whole, 4c. per lb.
ground, 4c. per lb.
powdered, 4c. per lb.
Ginger root, African, 3c. per lb.
Grains of Paradise, 10c. per lb.
Guarana, powdered, 17c. per lb.
Gum, Mastic, 15c. per lb.
Sandarac, 2c. per lb.
Tragacanth, 25c. per lb.
Henbane leaves, 7c. per lb.
Iceland moss, 5c. per lb.
Irish moss, prime, bleached, 4c. per lb.
Jalap root, whole, 4c. per lb.
powdered, 4c. per lb.
Licorice root, select, bundles, 9c. per lb.
Lycopodium, 75c. per lb.
Mace, Banda, 6c. per lb.
Batavia, 3c. per lb.
Siauw, 7c. per lb.
Matico leaves, 10c. per lb.
Mullein flowers, 30c. per lb.
Orange flowers, 10c. per lb.
Papain, powdered, 10c. per lb.
Paprika, Hungarian, 5c. per lb.
Poppy flowers, 5c. per lb.
seed, Dutch, 6c. per lb.
Polish, 7c. per lb.
Senega root, 4c. per lb.
Senna leaves, Alexandrian, 1c. per lb.
T. V., No. 1, 1c. per lb.
Serpentaria root, 3c. per lb.
Soapbark, cut, 8c. per lb.
Stavesacre seed, 5c. per lb.
Tolu balsam, 3c. per lb.
Turmeric root, 1c. per lb.

Reduced

Aconite root, 3c. per lb.
Celery seed, French, 1c. per lb.
Indian, 1c. per lb.
Ladyslipper root, 2c. per lb.
Manaca root, 5c. per lb.
Musk root, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
158.4	**144.2**	**125.6**	**121.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The advance was extended to 28c. to 28½c. per pound for Para, and 29c. to 29½c. for South American material, reflecting recent replacement developments.

Tolu.—The market was firmer at 48c. to 52c. per pound but activity was confined to narrow limits and the full effect of present market conditions had yet to develop.

Barks

Black Haw.—Although an article of domestic origin, this item strengthened in keeping with primary market conditions and root bark on spot was quoted 22c. to 23c. per pound at the end of last week; tree bark, 12c. to 13c.

Cascara.—All reports made the market for this article substantially firmer in all respects and local quotations reflected the situation when they were advanced to 12c. to 13c. per pound. Against continued strength was the question of exports, especially to Great Britain. If cut down or off by the war, more goods for domestic consumption will become available.

Cocciliana.—Future requirements were being protected last week on the basis of a higher market at 20c. to 21c. per pound. Sellers were reserved since import costs were up.

Condurango:—Cost to transport new stocks to the spot were higher and local quotations covered the rise by advancing to 11c. to 12c. per pound.

Cottonroot.—There should be no shortage of this article since a bumper cotton crop will, or should, provide for an ample collection. However, local quotations were up to 11c. to 12c. per pound.

Soap.—Cut bark of foreign origin will likely disappear from the market since none can be secured from Germany. Spot quotations did the inevitable by rising to 30c. to 31c. per pound. Other quotations lacked quotable change but were firm.

Beans

Calabar.—Stocks were small and some dealers were without supplies. Those with prompt delivery goods charged 23c. to 24c. per pound last week.

Vanilla.—Unchanged but very strong prices were in line with the situation developed when Europe went to war. Normal transactions with France will be difficult and probably on the basis of rising prices until such time as the Far East ships direct to this country. Demand was very good.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Berries

Raspberries.—Dried fruit was advanced to 60c. to 65c. per pound, confirming the strength that developed long before the European war irritated the market and caused revaluation of spot prices.

Saw Palmetto.—There seemed to be reason to expect shortage unless when another crop grows in Florida it may be difficult to get labor for collection. However, the spot price was up to 7c. to 8c. per pound as a precautionary measure.

Flowers

Arnica.—Sales were made at 65c. per pound and the entire spot supply could have been wiped out easily if sellers were not reserved for the purpose of extending stocks as far as possible.

Borage.—No telling when more can be had from abroad. The spot goods were worth 23c. to 24c. per pound and it was done last week.

Calendula.—Present stocks will have to care for needs probably for a long time, and not much was located here last week. Quotations were up to 33c. to 34c. per pound.

Chamomile.—Both Hungarian and Roman flowers cost 40c. to 45c. per pound last week. Eventually, some way to get goods out of Hungary may be devised but in the meanwhile dealers were cautious and conserved stocks by controlling deliveries and asking more money.

Mullein.—The breast tea addicts may go short of a ration of this article if the advance of prices to the basis of $1.20 to $1.25 per pound forecasts the result of shipments at this time being impossible from Europe.

Gums

Arabic.—Shipments through the Mediterranean Sea were apparently out. The route of future movements seemed likely to be around the southern tip of Africa—a nice, long haul at high freight and war risk insurance rates. Prices were virtually nominal and were settled last week on each individual transaction.

Camphor.—Natural Japanese camphor was higher and in feverish position on the basis of 68c. to 69c. per pound for tablets; powder, 62c. to 63c.; slabs, 63c. to 64c. No further change was made in quotations on U.S.P. synthetic. However, it would be difficult to get prompt delivery at quoted figures since the Japanese position of natural gum has increased demand for the domestic synthetic.

Mastic.—Quotations were nominal and higher at 70c. per pound and most sellers have withdrawn pending the institution of the government control of prices and stocks at the source.

Sandarac.—Prices continued to rise and following business taken at 35c. per pound, the market went to 37c. and closed the week in nominal position.

Tragacanth.—Tentative prices were restored to the spot but they were nominal at $2.50 per pound for No. 1; No. 2, $2.40; No. 3, $2.25.

Yacca.—Although an official quote of 10⅞c. per pound was put out at midweek, at that time actual sales were made at 13c. Those quoting 10⅞c. admitted that it could apply on the basis of if and when available.

Herbs and Leaves

Buchu.—Since the article comes from South Africa and since ocean freight and war risk insurance rates are high, and, finally, in view of the difficulty regarding cargo space, the trade faced a much higher replacement on the next crop. Spot quotations were higher at 50c. to 55c. per pound.

Digitalis.—The market was firm but lacked the excitement found in other items. Domestic production must care for consumption for how long, no one knows. Even before the war, home production was needed since proper quality had not been obtainable abroad most of the time.

Henbane.—The market was 25c. to 26c. per pound and with spot stocks none too large, the uncertainty of getting goods from Europe constituted a footing of real strength for the local market.

Henna.—This item may have a long journey 'round the Cape of Good Hope

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before further shipments reach this country. Spot goods are naturally the more valuable because of that and they were 12½c. to 13c. per pound for whole and 17c. to 18c. for powder last week.

Peppermint.—Foreign goods fell off from the level reached on the zoom of prices in the previous week. However, at 70c. to 75c. per pound the item was strong since the grade most preferred by users here came from Germany.

Miscellaneous

Dragon's Blood.—Reeds were in light supply and the market rose to 90c. to 95c. per pound as buyers pressed for prompt delivery material.

Ergot.—The market was raised to $2.25 to $2.30 per pound and except for the care of sellers, exhaustion of unsold goods on spot could easily have developed last week. Until Spain and Portugal indicate prices on new crop—and unquestionably the prices will be high now that Polish material has been wiped out of consideration and influence—until such prices are received, a situation close to nominal seemed likely to prevail locally.

Grains of Paradise.—The article was held for the next sale at 75c. to 80c. per pound and so far as could be learned there was only one lot unsold in first hands last week.

Lycopodium.—The actual market was $2.50 per pound. The fact also was that spot holders, and they were few, could set their own figure. Once exhausted from spot stocks, the item stood an excellent chance of remaining extinct; it is a product of Poland.

Papain.—Mayhap the succulent slice of broiled ham will turn up to be tough, eventually, unless a continuing supply of papain be available. In any event, papain was rising in price last week and the market closed at $1.30 to $1.50 per pound according to seller of powdered goods.

Roots

Aconite.—The upswing in the previous week overshot a sound position by a narrow margin. Values were re-established last week on the lower but still strong basis of 35c. to 37c. per pound.

Angelica. — Imported goods were strictly nominal in price. Furthermore, since the article originates in Germany, cordial makers may be on short rations for some time to come.

Arnica.—Powerful pressure in the form of concentrated demand acting against a not large spot supply resulted in prices being raised to 45c. to 46c. per pound last week.

Calamus.—The bleached item was in scanty reserve and on the basis of business already done, the closing spot price of 65c. to 70c. per pound was declared justified, especially when doubt of getting further stocks from Europe was considered.

Gentian.—Italy and France supply this goods. The latter is at war and hence the future of shipments was clouded. Italy is not in yet but can she stay out long? That is the unanswered question that in part accounted for whole root at 14c. to 15c. per pound last week; ground, 17c. to 18c.; powdered, 19c. to 20c.

Musk.—The advance was extended and offerings were sparse on the higher basis of 35c. to 36c. per pound late last week.

Senega.—Values continued to climb regardless of the fact that the principle export market, Great Britain, may not care to devote cargo space to senega root. Quotations on spot were higher at 62c. to 63c. per pound as sellers awaited the eventual re-establishment of clearly defined markets for this year's crop.

Seeds

Anise.—Prices jumped to 25c. to 26c. per pound for Spanish, and to 19c. to 20c. per pound for star. It was purely a question of getting more Spanish material in war time.

Celery.—The market eased slightly after the severe advance in the previous week. However, the market was still one of strength at 29c. to 31c. per pound for French and 24c. to 26c. for India materials.

Cumin.—The spot was entirely nominal at 21c. per pound. The future was uncertain and dark throughout last week and only re-establishment of normal contact with the source can raise the clouds that smothered values to a nominal position last week.

Fennel.—Those who insist on getting German fennel seed must pay 32c. to 33c. per pound and when the bins are bare, nothing more seems likely to be forth coming from the primary market.

Poppy.—Shipments were blocked in Holland, which country can get no more Polish material. Dutch material must supply world needs and sellers charged 25c. to 26c. per pound last week.

Spices

Cassia.—Batavia No. 1 was up to 18c. to 19c. per pound; shortstick, 15c. to 16c.; broken, 12½c. to 13c.; buds, 15c. to 16c.; China, select, 11½c. to 12c.; broken select, 11c. to 11½c.

Clove.—Rising primary market prices kept spot values upward in movement and Madagascar closed last week at 25c. to 26c. per pound, spot; Zansibar, 26c. to 27c.

Ginger.—African root forsook weakness for strength last week, rising to 9½c. to 10c. per pound. Exports from Jamaica are by license from now on. Bold Jamaican root fetched 13c. to 13½c. per pound last week; bright grinding, 10½c. to 11c. Japanese root was up to 9c. to 9½c. per pound.

Mace.—The market boomed to a new top at 60c. to 65c. per pound for Benda; Batavia, 34c. to 35c.; Siauw, 48c. to 49c.

Paprika.—Hungary was still tied by cable to this country last week and pressed for business. Spot prices advanced to 40c. to 42c. per pound for extra fancy; medium, 38c. to 40c. Portuguese material was nominal. And what has become of the Spanish article that formerly supplied American demand? A nominal price of 42c. to 43c. per pound was noted.

Peppers. — The situation was fogged by propaganda spread over what had been called the fact of super world stocks of black pepper. Lampong advanced a modest ½c. to the basis of 4½c. to 5c. per pound last week and the spot market lacked other change. Mayhap the fog will be "burned" away and the true position disclosed soon. In the meanwhile, Mombassa chillies showed real strength and advanced to 30c. to 31c. per pound.

Trading in black pepper futures on the New York Produce Exchange from September 9 to September 15, inclusive, comprised 294 contracts, a total of 9,878,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.40	4.24	4.17@4.23
March	4.49	4.20	4.25@4.30
April	4.49	4.41	4.30 Nom
May	4.58	4.25	4.32@4.40
July	4.63	4.32	4.45@4.49
September	4.29	4.12	4.12@4.25
October	4.27	4.25	4.10@4.25
December	4.39	4.16	4.15@4.24

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Essential Oils, Aromatic Chemicals

Buyers Expand Demands and Sellers Become Highly Reserved —Essential Oil Prices Withdrawn and Strictly Nominal —Price Trend Strongly Upward on Actual Sales

Open quotations on essential oils were practically all withdrawn last week. All of them were on a strictly nominal basis. They were made without offer and were subject to confirmation throughout the period.

On actual sales, the trend was strongly upward. Revisions to higher levels were numerous and the new values were quotations in name only. Demand was broad, expansive, and came to the spot under high pressure. Buyers on checking inventories found them small when set against the ability of dealers to receive continuing shipments from foreign primary markets.

Sellers were highly reserved. So far as their replacement costs were concerned, they knew little more last week than they did in the previous period. War risk insurance, ocean freight rates, and, highly important in all respects, the availability of cargo carriers and space were unstable, undetermined, and almost unfathomable factors. Stocks of dealers on spot were on the low side when the war began and now they cannot buy in primary markets with surety that the goods will be shipped, whatever the actual cost of merchandise. All such costs, together with the cost of raw material for oils made in this country, have advanced. Add the higher transportation costs of all sorts, and it will be realized that determination of actual replacement costs was difficult in the extreme.

Hence, sellers were reserved, spot quotations were nominal, and the pressure of consuming demand was so great that nothing could prevent the continued and strong advance in prices asked for spot goods.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, 15c. per lb.
Anethol, 10c. per lb.
Anise, 5c. per lb.
Apricot kernel, 4c. per lb.
Bergamot, 10c. per lb.
Benzylbenzoate, 13c. per lb.
Cajeput, technical, 9c. per lb.
U.S.P. IX, 9c. per lb.
Cananga, native, 30c. per lb.
rectified, 30c. per lb.
Caraway, 20c. per lb.
Cardamom, $1 per lb.
Cassia, 5c. per lb.
Cinnamon, Ceylon, 75c. per lb.
Seychelles, 75c. per lb.
Citronella, Ceylon, 3c. per lb.
Clove, 10c. per lb.
Coriander, 75c. per lb.
Croton, $1.35 per lb.
Cubeb, $1 per lb.
Geranium, Algerian, 25c. per lb.
Bourbon, 10c. per lb.
Lime, distilled, 20c. per lb.
expressed, 50c. per lb.
Mustard, artificial, 40c. per lb.
Mace, 10c. per lb.
Nutmeg, 10c. per lb.
Orange, domestic, distilled, 25c. per lb.
expressed, California, 15c. per lb.
African, 15c. per lb.
Italian, 25c. per lb.
West Indian, 55c. per lb.
Patchouli, 40c. per lb.
Pennroyal, domestic, 5c. per lb.
imported, 15c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 20c. per lb.
Petitgrain, 15c. per lb.
Pimento, leaf oil, 25c. per lb.
Rosemary, 8c. per lb.
Sandalwood, U.S.P., $1 per lb.
Sassafras, natural, 15c. per lb.
Spearmint, 10c. per lb.
Wormwood, 5c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essentials oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
81.4	76.1	70.4	69.2

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond. — The advance continued, putting prices to the nominal position of 75c. per pound. Replacements were uncertain, hazzardous, and obtainable only under foreign wartime costs.

Anise.—Though far removed from the theatre of war, this article in the Far East felt the general effect of the dislocation of world commerce. Prices were higher there and they were also advanced on spot, closing at 80c. per pound nominal.

Apricot.—The generally swollen undertone of the essential oil market caught this item last week and threw it to the higher price level of 32c. per pound at which position it was nominal.

Bergamot.—Although Italy is not in the European war as a belligerent, the effect of the catastrophe on Italian commerce continued and spot quotations were advanced to the nominal basis of $4 per pound for this oil. Sellers were reserved.

Cananga. — Replacements were uncertain as to availability and spot quotations reflected the situation when sellers advanced values to the nominal basis of $1.25 per pound for native and $1.80 for rectified material. The quotes were subject to confirmation.

Caraway.—Spot stocks must care for demand for the considerable period of time needed to get more goods here. Also, getting them was a highly uncertain affair. Hence spot quotations were advanced to $2 per pound, nominal and without offer.

Cardamom.—Raw material has risen together with other basic materials, and the quotations on this oil were higher at the nominal position of $13.50 per pound, without offer.

Cassia.—The market was higher on the nominal basis of $1.05 per pound, quoted without offer and being subject to confirmation. Transportation cost from the source was increasing, and sellers in the primary market realized their opportunity to turn a weak item into one of fair strength.

Cinnamon.—Ceylon oil was higher at $9.25 to $25 per pound, according to quantity and quality. The position was nominal. Seychelle oil was in similar position at $7.25 per pound.

Citronella.—Undertones were firmer in a more active market, and actual sales established a higher, if nominal, market at 36c. per pound for Ceylon oil in drums, cans, 38c. Java oil ranged from 29c. to 30c. and was also nominal.

Clove.—Values continued to climb as pressure was placed on spot stocks, and the cost of production continued to rise. Quotations were nominally $1.35 per pound in drums and $1.40 in cans.

Coriander.—Only home-made oil was available, the product of higher costing and very low yielding seed obtained from sources other than the Soviet Union. Spot quotations were higher last week at $12.75 per pound, nominal.

Croton.—At $1.35 per pound this oil was in purely nominal position, since replenishment of spot stocks was in the laps of the war gods over Europe.

Cubeb.—Raw material brought more money for shipment from the primary market, and it was logical that producers of oil should cover the advance. Quotations on oil went to the basis of $3.50 per pound, and it was a nominal position.

Eucalyptus. — The market continued strong in undertone and values were nominal and subject to confirmation. They were also quoted usually without firm offer because of the general uncertainties of the market.

Geranium.—Quotations were up. They were also nominal. Algerian and Bourbon oils were minimum at $2.75 per pound, but the higher qualities of both materials commanded substantial advances over the above limit.

Lemon.—Prices on California oil remained at $2.75 per pound, and were exceptionally firm because of the fact that the bulk of home requirements will be filled out of oil produced in this country. Italian oil was nominal at a minimum of $3.40 per pound, but export of further quantities from Italy was subject to the restrictions and conditions developed by the war. The effect of the war on the export market for California oil remains to be developed.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Mace.—Further advance in quotations kept the market nominal, but established a tentative price at $1.30 per pound. It was a price made without offer and subject to confirmation.

Nutmeg.—The market was up to the nominal position of $1.30 per pound, and the cost of production still held an upward trend.

Mustard.—Artificial material comes from abroad, from Germany. Supplies have been cut off by the war. Moderate spot stocks were revalued upward to the nominal basis of $2 per pound. During the World War, need for the article led to a domestic production developing, in Colorado if recollection be right.

Orange.—California producers advanced the market further, establishing $1.40 per pound on expressed oil and 75c. on distilled material. Italian oil was nominal and higher at $2.75. West Indian was up to $2.25 and was nominal. African was nominally $1. The effect of the war on the export market for the domestic product remains to be developed.

Patchouli.—The rising replacement market sent spot quotations to $3.75 per pound minimum, at which level they were nominal and subject to confirmation on each inquiry.

Pennyroyal.—Imported was nominally $2.20 per pound, and the domestic item was also nominal at $2.15. In the former item, it was a case of replacement availability and cost. In the latter, a not large domestic output was reported.

Peppermint.—Sellers raised quotations cautiously to $2.20 to $2.45 per pound on natural and $2.45 to $2.70 on redistilled. If export markets be reduced as sharply as seems likely, more oil for home consumption may act as a break on the natural tendency of all sellers to raise limits.

Pimento.—European exports of this item have been curtailed by the war and rendered spot stocks the more valuable. Leaf oil was higher at $2.50 per pound, nominal, and berry was strictly nominal at $3.35, subject to confirmation.

Rosemary.—Nominal prices were 64c. per pound for cans and 59c. for drums, but the offerings were meager and any quotation was subject to confirmation on firm inquiries or orders.

Sandalwood.—Reports in this market were that exports of wood from the Far East had been cut off temporarily at least, and possibly, permanently; the situation remains to be developed. No quotations were made on genuine Mysore oil. On U.S.P. oil made in this country $5.50 per pound was the nominal price.

Sassafras.—Natural oil was firmer at an advance to $1.50 per pound as a nominal figure to prevail during the general readjustment period forced on the market by the European war.

Spearmint.—Sales were made at $1.80 and $1.85 per pound with the market being moderately active and, for the time being, showing signs of being nominal as quoted.

—Continued on page 52

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Base, or Binding, Materials Used in Molded Plastics

(Continued from September 11 issue)

Vinyl resins
Vinyl-acetaldehyde resins
Vinylacetylene
Vinylacteylene reacted with hydrochloric acid
Vinylanisol
Vinyl-formaldehyde resins
Vinylites
Vinylnaphthalene
Vinyloids
Vinylseal
Vinys
Vydon
Waterlite
Xylonite

Fillers and Reinforcing Agents Used in Molded Plastics

Aluminum oxide
Aluminum-magnesium silicate
Asbestos
Bentonite
Bitumens
Chalk
Charcoal
Clay
Coal dust
Coke dust
Cotton linters
Diatomaceous earth
Feldspar
Flint dust
Fossilite
Fuller's earth
Gluten
Iron oxide
Kaolin
Lignite
Magnesium carbonate
Mineral powders
Paper pulp
Rock dust
Sand
Sawdust
Silex
Silicates
Slate flour
Sodium silicate
Talc
Waxes
Woodflour

Hardening Agents for Molded Plastics

Formaldehyde
Hexamethylenetetramine

Lubricants for Molded Plastics

Beeswax
Carbon black
Carnauba wax
Ceresin
Magnesium stearate
Metallic stearates
Montan wax
Ozokerite
Paraffin
Stearic acid
Waxes
Zinc stearate

Plasticizers for Molded Products

Abrocol
Acaroid
Acetaldol
Acetanilide
Acetic acid esters of glycerin
Acetic acid ester of 2-butyloctanol
Acetophenone
Acetobenzenesulphonamide
Acetochlorhydrinbenzidin
Acetochlorhydrose heptacetate
Acetochlorhydrose ocetacetate
Acetochlorhydrose tetracetate
Acetodichlorhydrin
Acetone plus alcohol-ether solution of turpentine
Acetoneglycerol
Aceto-orthotoluidide
Acetopara-anisidide
Acetoparatoluenesulphonamide
Acetophenone
Acetoxylide
Acetylamidophenyl amylcarbonate
Acetylamidophenyl ethylcarbonate
Acetylamidophenyl isobutylcarbonate
Acetylamidophenyl methylcarbonate
Acetyldichlorohexylamine
Acetyldicyclohexylamine
Acetyldiphenylamine
Acetylethylamidophenyl amylcarbonate
Acethylethylamidophenyl ethylcarbonate
Acethylethylamidophenyl methylcarbonate
Acethylhydrocellulose
Acetylmethylamidophenyl amylcarbonate
Acetylmethylamidophenyl isobutylcarbonate
Acetylmethylamidophenyl methylcarbonate
Acethylmethylanilin
Acetyloxycellulose
Acetylphenylnaphthylamine
Acethylphenyltolylamine
Acetyl derivatives of—
(1) Alcohol derivatives of hexoses, pentoses and other sugars
(2) Erythritol
(3) Glycerin
(4) Pentaerythritol
(5) Polyhydroxy alcohols
(6) Sorbitol
Acid amides
Acyl derivatives of—
(1) Alcohol derivatives of hexoses, pentoses and other sugars
(2) Erythritol
(3) Glycerin
(4) Pentaerythritol
(5) Polyhydroxy alcohols
(6) Sorbitol
Adipinic acid cyclohexylester
A H N
Alcohol derivatives of hexoses, pontoses, and other sugars
Alcohol-ether solution of turpentine and a ketone
Aldols
Aliphatic dicarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Aliphatic monocarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-Ethyl butylacetate
(5) 2-Ethylbutanol-1
Aliphatic polycarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2 ethyl butylsuccinate
(4) 2-Etylbutylacetate
(5) 2-Ethylbutanol 1
Alkoxyphenyl compounds
Alkylnaphthylamines
Alkylsulphonamides
Alphanaphthalenesulphonamide
Amidobenzenesulphoazodiphenylamine
Amidosulphobenzoic acid
Amyl acetylsalicylate
Amyl adipinate
Amyl benzoate
Amyl carbamate
Amyl carbanilate
Amyl carbonate
Amyl dicresylphosphate
Amyl dinaphthylphosphate
Amyl diphenylphosphate
Amyl lactate
Amyl oxanilate
Amyl phthalate
Amyl tartrate
Anilin
Anilin trichloride
Anisol
Antipyrin salicylate
Aromatic dicarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethyl butylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-ethyl butylacetate
(5) 2-ethylbutanol 1
Aromatic monocarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethylbutyl phthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-ethyl butylacetate
(5) 2-ethyl butylphthalate
(6) 2-ethylbutanol 1
Aromatic polycarboxylic acid esters of—
(1) 2-Butyloctanol
(2) Di-2-ethylbutylphthalate
(3) Di-2-ethyl butylsuccinate
(4) 2-ethyl butylacetate
(5) 2-ethylbutanol 1
Azobenzene
Barkite
Barkite B
Benzanilide
Benzene benzylnitrochloride
Benzene bromide
Benzene chloride
Benzene methylethylsulphonamide
Benzene monomethylsulphonamide
Benzene nitrobromide
Benzene nitrochloride
Benzene sulphamide
Benzene sulphoacidphenylether
Benzene sulphoanilide
Benzene sulpho-orthochloroanilide
Benzene sulphodiethylamide
Benzene sulphodimethylamide
Benzene sulphoethylamide
Benzene sulphoethylanilide
Benzene sulphomethylanilide
Benzene sulpho-orthotoluide
Benzene sulphoparatoluide
Benzenesulphamine
Benzenesulphoalphanuphthylamine
Benzenesulphobetanaphthylamine
Benzenesulphobetanaphthol
Benzenesulphodiphenylamine
Benzenesulpho-orthophenetidin
Benzenesulphoparaphenetidin
Benzicin
Benzoic acid benzylester
Benzol sulphoamide
Benzol trichloranilide, asymmetrical
Benzosol
Benzotrichloride
Benzoylbenzene sulphamide
2-Benzoylbenzoic acid esters
Benzoylguaiacol
Benzoyltoluene sulphamide
Benzyl acetate

(To be continued)

Essential Oils

—Continued from page 51

Aromatic Chemicals

Anethol.—The market was strong as to prices but moderately active as to demand, though the latter element was a substantial improvement over the recent request. Upward revision of prices made the market $1.10 to $1.15 per pound.

Anisic Aldehyde.—The local demand was active and steady. Production cost had an upward bend and revision of quotations on the derived product was expected.

Benzyl Compounds.—Benzyl benzoate was 13c. per pound higher at a minimum price of 80c. per pound to consumers. The market was very firm. Other items in the benzyl group lacked quotable change, but buying pressure was strong and stocks were not more than probable requirements of buyers.

Cinnamic Alcohol. — Business was good and the market was substantially firmer in undertones throughout the past week. Continued expansion of demand was said to forecast a higher market.

Coumarin. — Although the official schedule remained unchanged, the market unquestionably was firmer in most aspects and demand was reported to be an element of substantial support to the general position of this item.

Ethyl Cinnamate.—Movement gained as sellers reported buyers disposed to cover their future requirements farther ahead than had been their wont for some time past. Prices were firmer to steadier in all respects.

Ethyl Vanillin.—Buyers studied inventories and considered coverage of requirements farther ahead. Plentiful supplies were available since domestic production was ample and can be readily expanded.

Eucalyptol.—In most respects the market was nominal because of the uncertainty of raw material shipments in the future. Questions of ocean freights, war risk insurance, availability of cargo space had to be considered and hence sellers showed reserve.

Eugenol.—Raw material continued to rise and the market had a rising tendency that was held in check only by the fact that there were fair sized stocks showing a profit on the basis of the former cost of production.

Geraniol. — Financial difficulties of one producer were expected to eventually strengthen the position of all other makers. The market was fully firm last week and demand was very good.

Isoeugenol.—With production costs mounting in keeping with advancing prices on raw material, a higher level of spot values appeared to be in the offing. Demand was also a force in developing the upward pressure.

Menthol.—Synthetic was higher at $3.25 per pound for the U.S.P. article. Foreign production in some instances has been cut off from this market for the duration of the war. One large domestic producer was reported in financial difficulties that have led to RFC loans, and a very uncertain future for the venture.

Methyl Cinnamate.—Movement gained as sellers bought requirements farther ahead. Sellers showed a tendency toward reserve since there was an upward tendency in production costs incident to the swelling of markets generally in the United States, the result of the war.

Novoviol.—All varieties were firmer and the replacement position of the same was rendered difficult and uncertain by the war. Demand was maintained at recent levels, but some tendency toward expansion was noted.

Phenylethyl Alcohol.—The future of imported material was hitched to the foreign situation and the war. Domestic production was said to be capable of expansion to cover home needs, but the tendency of production cost was upward and values ultimately were expected to respond to the general situation.

Antifreeze Rates Revised

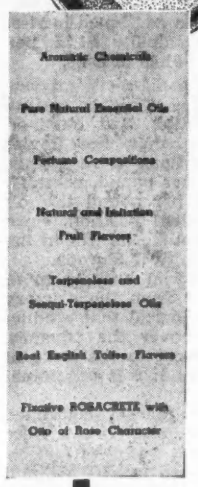
The New York Public Service Commission has approved the following amendment to the commodity freight tariff for carriers in the central territory:—

Exemptions to the Official Classification, carload minimum weight of proprietary antifreeze preparations, when in tankcars, made 98 percent of shell gallonage of tank, but not less than 30,000 pounds. Effective September 30.

STANDARD SYNTHETICS

Flavors

With Fresh Appeal . . .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Fortune Compositions
Natural and Imitation Fruit Flavors
Terpeneless and Sesqui-Terpeneless Oils
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Fixative ROSACRETE with Otto of Rose Character

If you are contemplating new products—or if you wish to add new zest to old products—be sure to secure our collaboration. We have the widest range of essential oils from many lands, skillfully blended by our chemists and offering new thrills even for jaded tastes. For example:

MESSINA OIL OF LEMON	TERPENELESS OILS
MESSINA OIL OF ORANGE	CITRAL PURE
ENGLISH OIL OF PEPPERMINT	TRUE FRUIT FLAVORS

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Obtainable in large or small quantities alike, and packed accordingly to capture and retain the subtle distinguishing touch of Standard Synthetics essential oils.

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Tell us what products you manufacture or plan, and we shall gladly offer suggestions, samples, quotations, covering your requirements. List of essential oils sent on request.

STANDARD SYNTHETICS CO.

39 West 32nd. Street, New York, N. Y.

1914—1939

What more can we say than repeat our letter of

AUGUST 6th, 1914

P. C. MAGNUS, President

MAGNUS, MABEE & REYNARD

INCORPORATED

IMPORTERS AND MANUFACTURERS

Essential Oils, Vanilla Beans and Chemicals

SOAP MAKERS, CONFECTIONERS and PERFUMERS SUPPLIES

257 PEARL STREET

CABLE ADDRESS "MAGLAUR"
TELEPHONE CONNECTION

FACTORY
CHESTER, CONN.

New York, August 6, 1914.

IMPORTANT!

Gentlemen:—

Owing to present distressing conditions in Europe, practically all shipping has now been discontinued; and the outlook for resumption of same in the near future is far from favorable.

Stocks of Essential Oils and kindred goods on this market are not large, and are being depleted daily.

All of our previous quotations and published prices are hereby withdrawn.

We respectfully recommend that you favor us with your orders as usual, and we will do our very best to fill same completely and without delay.

The present state of affairs can hardly be appreciated by our customers who are located at a distance from this market. Nothing like it has ever happened before in the history of the industry;—and we trust never will recur.

We beg your indulgence, and can assure you that we are doing the best for you,—considering the demoralized market conditions.

Respectfully,

MAGNUS, MABEE & REYNARD, INC.

MAGNUS, MABEE & REYNARD
INCORPORATED
16 DESBROSSES STREET NEW YORK, N. Y.
CHICAGO OFFICE: 180 North Wacker Drive

Wartime Effects on Prices

—Continued from page 29

Oils, Fats, and Waxes

Beeswax, Afr	.34	.47	(Nov., 1918)	.19½	.23
Candelilla	.22	.57	(June, 1918)	.15½	.16½
Carnauba, N.C. 3	.33	.81	(June, 1918)	.31	.35
Chinawood oil	.07¼	.32	(July, 1918)	.20	.23
Coconut oil	.11	.20¼	(July, 1919)	.03⅜	.04
Cod oil	.40	1.60	(Oct., 1918)	.32	†...
Corn oil, crude	.05¾	.20¾	(Jan., 1920)	.06½	.06¾
Cottonseed oil, crude	.05¾	.22½	(June, 1919)	.05⅝	.06
Degras	.03	.26½	(Oct., 1918)	.07	.09½
Grease, house	.05½	.16⅛	(July, 1916)	.04⅜	.05½
Japan wax	.09	.27½	(Sept., 1918)	.11¼	.16
Lard	.10½	.35½	(June, 1919)	.06¾	8.30
Lard oil, No. 2	.52	1.50	(Sept., 1918)	.08¾	.08½
Linseed oil	.46	2.22	(July, 1919)	.0880	.0940
Menhaden oil, crude	.35	1.27	(Sept., 1918)	*.26	.31
Oleo oil	.08½	.34	(May, 1919)	.08	.10½
Neatsfoot oil, 20 deg	.96	3.50	(June, 1918)	.14¾	.15½
Olive oil, denat	.83	3.50	(Jan., 1919)	.82	1.15
Palmkernel oil	.10½	.22	(Oct., 1919)	.0360	†...
Peanut oil, crude	.06½	1.80	(Nov., 1919)	.05⅝	.06¾
Perilla oil	†...	.26	(Aug., 1919)	.1020	.1350
Rapeseed oil, blown	.38⅝	.25	(Sept., 1918)	.14	.85
Red oil, dist	.06	.20½	(June, 1919)	.06½	.08
Sardine oil	†...	1.23	(Jan., 1918)	.34	.33
Soybean oil	.06⅜	.20½	(July, 1918)	.05¼	.06½
Sperm oil	.69	2.25	(Dec., 1918)	.09	.0980
Stearic acid	.08¾	.30	(June, 1919)	.10	.12
Stearin	.09⅝	.34	(May, 1919)	.05¾	.10⅛
Tallow	.06⅞	.21	(July, 1919)	.04⅞	.06
Whale oil, refined	.06	.18⅝	(Sept., 1918)	.0770	.0990

Drugs and Fine Chemicals

Acid, citric	.53	1.25	(Dec., 1918)	.20	.20
Tartaric	.31½	.83	(April, 1919)	.27¼	.29¼
Alcohol, ethyl	2.50	5.60	(Oct., 1917)	4.46	4.46
Bismuth subnitrate	1.80	3.20	(April, 1918)	1.23	1.23
Calomel	.69	2.00	(July, 1918)	1.52	1.97
Castor oil	.09⅝	.30	(Aug., 1918)	.08	.08½
Codeine sulphate	5.00	11.00	(Feb. 1917)	9.50	9.50
Corn syrup	2.31	6.39	(Aug., 1917)	3.07	3.27
Corrosive sublimate	.54	1.79	(Dec., 1918)	1.17	1.49
Cream of tartar	.24¾	.68½	(July, 1918)	.22¾	.23¾
Epsom salt	1.05	4.37½	(June, 1917)	1.80	1.80
Formaldehyde	.08½	.85	(March, 1920)	.05¼	.05¾
Iodine, resub	3.55	4.50	(Aug., 1919)	1.75	1.75
Glycerin, dynamite	.19¾	.70	(Oct., 1917)	.11½	.11½
Menthol	4.10	14.00	(Jan., 1920)	2.95	3.00
Mercury bisulphate	.43	1.58	(July, 1918)	1.77	2.04
Methanol, 95%	.46	3.25	(June, 1920)	.31	.31
Morphine sulphate	4.20	13.80	(Oct., 1917)	8.80	†...
Opium, powd	7.30	33.00	(April, 1917)	12.50	12.50
Quicksilver	40.50	140.00	(Feb., 1917)	88.00	137.00
Quinine sulphate	.23	.90	(May, 1918)	.61	.61
Santonin	26.00	175.00	(May, 1920)	30.00	52.00
Thymol	1.65	17.50	(Nov., 1917)	1.40	1.40
Vanillin	5.28	14.40	(Aug., 1918)	2.10	2.10

Botanical Drugs, Spices, Gums

Aconite root	.13	.90	(Dec., 1919)	.25	.35
Aletris root	.20	1.25	(March, 1920)	.37	.39
Arnica flowers	.15	3.00	(April, 1917)	.27	.65
Belladonna root	.09	4.50	(Jan., 1918)	.17	.33
Belladonna leaves	.16	1.65	(Feb., 1918)	.12	.26
Cascara sagrada	.07¾	.19	(Sept., 1918)	.09	.12
Chamomile flowers, Rom	.21	1.35	(May, 1917)	.28	.40
Cinchona bark, quills	.20	.80	(Jan., 1918)	.55	.70
Digitalis leaves	.07½	.70	(Jan., 1918)	.36	.40
Ergot	1.25	5.00	(Dec., 1919)	1.35	2.25
Golden seal	4.90	5.75	(April, 1917)	2.75	3.50
Gum arabic	.08½	.33	(Oct., 1917)	.10¼	.13
Henbane leaves	.06½	2.10	(July, 1918)	.14	.25
Ipecac root	2.10	4.75	(Nov., 1918)	1.00	1.20
Jalap root	.15	.80	(Aug., 1919)	.15	.20
Lycopodium	.42	4.75	(Feb., 1921)	1.20	2.50
Myrrh	.13	1.00	(Feb., 1919)	.39	.55
Rhubarb root	.16	1.90	(Dec., 1919)	.46	.50
Saffron, Spanish	12.25	16.00	(July, 1918)	29.00	34.00
Senega root	.66	2.50	(Jan., 1920)	.56	.62
Soapbark, whole	.08½	.16	(Aug., 1919)	.10½	.17
Cut	.10	.26	(May, 1920)	.13	.30
Stramonium leaves	.08	.22	(Jan., 1918)	.13	.17
Tonka beans, Angostura	1.75	1.75	(July, 1919)	2.35	2.35
Valerian root	.09½	1.65	(Jan., 1919)	.13	.18
Vanilla beans, Bour	3.00	3.00	(Aug., 1919)	5.50	6.00

Essential Oils

Almond, sweet	.64	2.75	(Dec., 1918)	.56	.75
Anise	.65	1.50	(Dec., 1918)	.65	.80
Bergamot	6.00	7.50	(Sept., 1917)	3.65	4.00
Cassia	1.30	3.75	(Nov., 1918)	.90	1.05
Citronella, Ceylon	.45	.51	(Jan., 1918)	.33	.36
Clove, cans	1.15	3.50	(Jan., 1918)	.97	1.35
Eucalyptus	.45	.70	(Jan., 1917)	.42	.42
Geranium, Alger	9.50	11.00	(Nov., 1918)	2.65	2.75
Lavender flowers	3.75	11.00	(Dec., 1919)	2.00	2.25
Lemon, Italian	3.75	2.00	(March, 1920)	3.20	3.40
Lime, distilled	1.00	2.75	(Jan., 1917)	2.65	3.45
Orange, Italian	3.75	11.00	(June, 1920)	1.90	2.75
Peppermint	3.70	9.00	(March, 1919)	2.30	2.15
Sandalwood	5.50	13.50	(Jan., 1918)	4.50	5.50
Sassafras, artificial	.27	.50	(Dec., 1918)	.36	.39
Spearmint	4.00	13.50	(Feb., 1920)	1.70	1.80
Wormseed	2.00	11.00	(July, 1918)	2.25	2.30

* Nominal. † No Record.

Oils, Fats and Waxes

Waxes

—Continued from page 43

fact, they were so small as to make all quotations nominal. For the time being, shipments may be made from Brazil at higher first cost and at the advanced rates on ocean freight and war risk insurance. However, one shipping company stated that operations of its ships after November 1 was problematical and there was every reason to expect that the ships of another line would be commandeered by Great Britain for war purposes. That leaves future shipments of wax right up in the air. Nominal prices at the end of the week were as follows on ton lot quantities:—No. 3 chalky, 35c.; No. 3 North Country, 35½c.; refined, 38c.; No. 1 yellow, 55c.; No. 2 yellow, 54c.

Japan.—Business was done at a rise to 16¼c. per pound and late in the period the quotation was nominal at 16½c. per pound. The call was steady and expansive. Japan was an advancing market.

Montan.—Nothing was offered and hence there were no prices. The article is a product of Germany. The item was marked for extinction on this market. C'est la guerre.

Ozokerite.—All prices were withdrawn. The little wax available would command any price the holder saw fit to ask. The item comes from Poland. That tells the story so far as the future is concerned.

Spermaceti.—This item felt the general upsurge of prices and market activity. Blocks went to 22c. to 23c. per pound and cakes were 23c. to 24c., sellers showing great reserve because of the uncertainty surrounding importation of further quantities.

Emery, Inc., Names Shields Southeastern Representative

Emery Industries, Inc., manufacturer of stearic acid, red oil and "Twitchell" products, Cincinnati, has appointed W. H. Shields as its Southeastern sales representative with headquarters in Charlotte, N. C. Mr. Shields comes to Charlotte after fourteen years with the company, serving in various capacities in the chemical and sales departments.

QUALITY THAT NEVER VARIES!

PENN-DRAKE PETROLATUM

Make your product outstanding for ability to retain its purity, color, and soft smooth texture. Give it a petrolatum base that is noted for supreme purity, permanent resistance to oxidation, and constant uniformity.

Profit from the advantages offered by the famous Penn-Drake Karnsite Refining Process, which super-filters 100% Pennsylvania Crude, removes every trace of unsaturated hydrocarbons, and produces the finest petrolatum you can buy. Join the manufacturers switching to Penn-Drake Petrolatum and give your product a distinctive, unvarying high quality.

Specify a Penn-Drake Petrolatum base for your product. It costs no more than ordinary petrolatums, yet adds a property that constantly retains its taste, color and viscosity.

You can choose your color—from dark green to pure opaque white.

Get the real facts about white oils and petrolatums. Send for our booklet, "Making Your Pharmaceutical or Cosmetic Products More Profitable".

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General Offices: BUTLER, PA.

REFINERIES AT
Titusville, Pa. and Karns City, Pa.

WAREHOUSE STOCKS MAINTAINED IN:
New York, Chicago, Detroit, Los Angeles, St. Louis, Atlanta, Boston, Scranton and Cleveland

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PENN-DRAKE PRODUCTS
U. S. P. White Oils and Technical Oils...Petrolatums...INSECTI-SOL...Waxes...Naphthas...Rubber Solvents Motor oils and greases...High flash lubricants...Industrial lubricants and greases

Petroleum Solvents Lubricants, Fuels

Refined Products Prices Begin Climbing Upward—Russian Oil, Petrolatum, Crude Wax and Refined Paraffin All Higher —Gasoline, Kerosene, Fuel Oil Also Up

Tendency toward higher prices for commodities and metals as a result of the European conflict was communicated last week to refined petroleum markets. All markets had been strong since the war started, but last week saw the first definite general upward surge.

Notable advances were made in the quotations for crude scale wax, refined paraffin, Russian oil and petrolatum. The crude wax was very scarce and several prospective consumers were unable to secure material at any price. Refined paraffin was strong at the new, higher quotations. Russian oil, sharply advanced, was subject to delivery and shipping facilities and suppliers were unable to predict when, or how much material would be shipped to this country. Sellers of domestic white mineral oils had not made their move late last week but were restricting sales to regular customers until the higher price is ascertained. Petrolatum had been strong for two previous weeks and the advance was not a surprise. Petroleum solvents were strong but unchanged.

Further strengthening of the petroleum market was seen in the advances in posted prices of crude at nine fields. With this strength, other refined prices were higher. Gasoline was increased in New York City, New Jersey and Louisiana. Because of local conditions the New York market did not change at the time of the general tankcar price advance last month. The present advance is in the nature of an adjustment, reflecting the increased cost of the product and the strengthening of the basin Gulf Coast market in mid-August. Kerosene was advanced in various Eastern cities as were certain grades of furnace oil. Pennsylvania cylinder stocks and diesel oil were also higher.

An increase of 110,000 barrels daily of oil production was authorized for Texas by the Railroad Commission. The Saturday and Sunday closing of all wells will continue in effect. The entire increase is applied to the East Texas field. Texas' action apparently caused some concern in Midcontinent centers, especially Oklahoma. Because of the recent crude price reductions and restorations, several States had curtailed production. Thus when Texas left its allowable virtually unchanged for September, a meeting of the Interstate Oil Compact Commission was called.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gasoline, tankcar, ½c. to 7/10c. per gal.
Kerosene, tankcar, ¼c. per gal.
Oil, diesel, 10c. per bbl.
Furnace, Nos. 1, 2, 3 and 4, ¼c. per gal.
lubricating, Pa. cylinder, 1c. per gal.
white mineral, Russian, 10c. per gal.
Paraffin, crude scale, 15 to 25 points per lb., N. Y.
20 points, group 3
refined, ½c. per lb.
Petrolatum, dms., ½c. to ¼c. per lb.
Petroleum, crude, 5c. to 10c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

There was an excellent demand in the market for most of the products in this division. Petroleum thinners, V.M. & P. naphtha and rubber solvent were especially active. Major supliers were still holding prices to previously quoted levels.

Cleaners' Naphtha. — The cleaning trade became a bit more active in spot demand and there was also a better inquiry for future delivery. The price was unchanged.

Lacquer Diluent. — Lacquer manufacturers were calling out more material, an indication of the usual Fall pick-up in trade. The price was firm as quoted.

Petroleum Thinners.—These paint ingredients were one of the strongest items in the division due to the activity in the paint-making trade. The Fall painting season is approaching and mixers are beginning to order out raw supplies in better volume. The presently quoted price was steady and unchanged.

Rubber Solvent.—Rubber tire manufacturers were keeping their operations at a high level of output and naturally were calling for large amounts of this ingredient. Shipments were in good volume and the price was firm.

V. M. & P. Naphtha.—Similar to thinners, this paint ingredient was in much better demand last week due to the approach of the Fall painting season. The price was steady and unchanged at the quoted level.

Markets at Other Centers

Chicago, Sept. 14.—Tone of the petroleum solvent and diluent market is strong, and material is in good demand. There is a sharp demand for some grades of material used in the paint industry, and the recently improved tone in the crude petroleum market may account for it. Cleaners' materials are moving actively. Market levels are mostly steady. Ruling prices in tankcar lots, except as noted, are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¼c. to 4½c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tank wagon, petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tank wagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; v.m.&p. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tank wagon.

Tulsa, Sept. 13.—Buyers are again bidding for material and the manufacturers have been supplying the product at unchanged prices for the naphthas, v.m.p., rubber solvents and cleaners. Protection against price increases are being turned down by refiners for forward delivery with the demand large. Refiners are unwilling to make volume commitments very far into the future.

Lighter Fractions

In line with other petroleum commodities, the market for gaseous solvents was stronger last week, in view of a heavier demand. Consumers were very active in spot purchasing, and the inquiry for future delivery was better. All prices were steady and unchanged.

Butane. — Shipments into consuming channels were in better volume during the period under review. This item has been one of the strongest in this division since the beginning of the year, and indications last week were that it would hold its strength. The price was firm and unchanged.

Hexane.—Major producers reported a heavier demand during the week, a possible reflection of the strengthening crude oil market. There was a sharp pickup in inquiry for future delivery, also. The price continued as quoted.

Propane.—Similar to butane, shipments last week were heavier. Most call from buyers was for spot delivery, which producers surmised was an indication of a fear of rising prices. Sellers gave no indication of a possible advance last week, and the quoted price continued firm.

Petrolatums and Waxes

Materials in this division of the refined market followed the upward surge in prices last week. Petrolatum, Russian oil, crude scale wax and refined paraffin wax all were higher. All these materials had been threatening to advance for the two previous weeks, and the increase materialized during the period under review. Sellers of domestic white mineral oils were holding previously quoted prices.

White Mineral Oils.—A major supplier of Russian oil advanced the price for all grades 10c. per gallon. The new schedule is as follows:—80-90 viscosity, 56c. per gallon; 145-155, 74½c.; 175-185, 78½c., and 335-345, 87c. All prices are f.o.b. New York, but are subject to delivery and availability of shipping facilities. The supplier reported he was unable to say when or how much material could be sent to this country. Domestic sellers held their previously quoted prices, due to their inability to decide what the proper quotations should be. They were refusing new orders and were only sending small amounts of material to their regular customers. There is no doubt that the price will advance in the near future.

Petrolatum. — Major suppliers advanced the price for all grades ⅛c. to ¼c. per pound. The advance had been threatened for the two previous weeks and would have been made sooner except that sellers were uncertain what the increase should be. The new schedule was as follows:—Amber grade, 2¾c. per pound in car lots and 3⅞c. per pound for less than car lots; extra amber grade was quoted at 3c. in car lots and 4⅛c. for smaller lots; veterinary, 2⅝c. per pound in car lots; cream white, 4½c. per pound in car lots and 6c. for smaller lots; lily white, 5½c. in car lots and 7c. in less than car lots; and snow white, 6½c. in car lots and 8c. for smaller lots. All quantities shipped in drums.

Paraffin.—Crude scale wax was very scarce last week and several consumers reported they were unable to secure material at any price. There were sales made, however, at prices ranging from 3.40c. to 3.50c. per pound for the 122-24 white material at New York. The 124-126 material was sold at 3.40c. to 3.55c. per pound, while yellow material was quoted the same as 122-124 white. These were 15 to 25 point advances. With the crude prices very strong at those figures, suppliers of the refined wax boosted prices ½c. per pound in car lots to the following schedule: — 123-125, bags, 4¼c. per pound, and 4.05c. loose; 125-127, bags, 4.40c., and 4.20c. loose; 128-130, 4½c., bags or loose; 131-133, bags or loose, 4.85c. per pound; 133-135, bags or loose, 5.15c.; 135-137, bags or loose, 5.40c.; 138-140, bags or loose, 6.15c.; 143-145, bags or loose, 7c.; and 151-153, bags or loose, 9c. per pound. Refined prices in cases are 1½c. higher than bag prices and 5c. lower if sold in tankcars.

Chicago, Sept. 14.—Refined petroleum wax is quiet, Material is ruling at prices which have held firmly and demand is rather moderate. Inquiry has been fair, and takings are without any special feature. Ruling prices are:—122-124, 3.9c. to 3.95c. per pound; 125-127, 4c. to 4.05c.; 127-129, 4.35c. to 4.4c.; 130-132, 4.65c. to 4.7c.; 132-134, 4.9c. to 4.95c.

Tulsa, Sept. 13.—Quotations for crude scale wax advanced 20 points to a level of 3.05c. to 3.20c. per pound for 122-124 material, and 3.05c. to 3.20c. per pound for the 124-126.

Fuels and Lubricants

Gasoline, kerosene, and various grades of heating oils were advanced in Eastern cities. Pennsylvania cylinder stocks were also up. There was a good demand for all commodities and a strong call for export material.

Gasoline.—The tank car price in New Jersey was advanced 7/10c. per gallon to 7 6/10c. The tankwagon price in New York city was 8 4/10c. per gallon, a 4/10c. advance. The tankwagon and tank car price was advanced ½c. in various sections of Louisiana.

Kerosene.—The tank car price was advanced ¼c. per gallon at New York, Baltimore, Charleston, and Philadelphia. At New York and Philadelphia the price is ⅛c. less when sold in barges.

Fuel and Gas Oils.—Nos. 1, 2, 3 and 4 heating oil were advanced ¼c. per gallon at the same points as kerosene. Diesel oil was up 10c. per barrel to $1.75 at North Atlantic ports and $1.55 at Gulf ports.

Lubricating Oil.—There was a strong demand for Pennsylvania lubricants and cylinder stocks were advanced 1c. per gallon. Other prices were firm.

Outputs and Quotas

A comparison of Bureau of Mines calculations for August productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended September 9, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ...	429,300	384,950	242,000
Kansas	166,300	147,705	93,150
Texas	1,408,300	†1,455,000	1,350,250
Louisiana ...	255,700	235,475	225,050
Arkansas ...	50,700	64,838	52,300
Illinois	248,700	.....	321,500
Eastern	101,300	.....	92,700
Michigan ...	55,000	.....	66,500
Wyoming ...	70,700	.....	60,200
Montana	16,300	.....	16,450
Colorado	3,700	.....	3,600
New Mexico.	108,700	100,000	82,350
California ..	590,000	‡598,300	621,800
Totals	3,510,700	.....	3,228,650

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of September. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.
† Pending results of adjustments hearing September 11.
‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

Gasoline was advanced 7/10c. per gallon with a new figure resulting below. The crude oil price changes did not effect this box.

	Sept. 16	Sept. 9	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.147	$1.147	$1.228
Gasoline prices at refineries (at four refining centers) per gallon	.052625	.050875	.05

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

NICKEL CATALYST
Also NICKEL CARBONATE - NICKEL OXIDE, Etc.
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SHERWOOD'S
GUARANTEED QUALITY
WHITE OILS
ALL GRADES
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REFINERY • WARREN, PA. MAIN OFFICE • ENGLEWOOD, N. J.

Highest quality
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VISCOUS OILS (extremely viscous polymerized hydrocarbons)
STANDARD OIL COMPANY OF CALIFORNIA
225 BUSH STREET, SAN FRANCISCO, CALIFORNIA 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-Sept. 16	1938 Jan. 1-Sept. 16
Commercial crude oil production	857,204,000	855,031,100
	Week ended Sept. 16, 1939	Week ended Sept. 17, 1938
Daily average production	3,259,383	3,195,900
	Week ended Sept. 9, 1939	Week ended Sept. 2, 1939
Estimated motor fuel stock total	72,244,000	73,194,000
Estimated finished motor fuel stock total	66,010,000	66,976,000

Crude Oil Price Changes

Central West

Sohio Corporation advanced price 10c. per barrel to 95c. in Salem, Ill., field.

Louisiana, Arkansas

Standard Oil Company of Louisiana advanced price 8c. per barrel to $1.28 for 40 gravity and above in University field, La. There is a 2c differential down to 26 where a 3c. differential operates to $1 per barrel, continuing to 79c. per barrel for crude below 20 gravity. The price was also marked up 10c. to $1.05 in Shreveport, La., field. The same company reduced price 3c. in the Arkansas fields of Buckner, Vilage and Magnolia, making 40 degree and above 95c. with a 2c. differential downward for each degree of gravity to below 25 gravity which is 63c. Caddo Purchasing Company advanced price 5c. to level of 66c. to 82c. at Lisbon field.

Midcontinent

The Ben Franklin Refining Company advanced price 7c. in Healdton and Oscar fields, bringing it to 84c. per barrel for 36 gravity and over.

Tankwagon Price Changes

Socony-Vacuum Oil Company advanced gasoline price 4/10c. per gallon to 8 4/10c., exclusive of taxes, in New York City. Standard Oil Company of Louisiana advanced gasoline ½c. per gallon in various sections of the state. Standard Oil Company of New York advanced No. 2 heating oil ¼c. per gallon at primary Middle Atlantic cities.

Markets at Other Centers

Chicago, Sept. 14.—A strong but little changed refinery gasoline market is reported here. Demand has held up recently at virtually mid-summer levels because of the unusually high temperatures that have stimulated motoring. The strength in crude is imparting a firm tone throughout these markets. Tankwagon prices are still somewhat spotty. Kerosene is dull and sluggish. Tractor fuels have been moving well. More interest now is displayed in heating oils, with prices steadying. Heavy fuels are taken readily and low tops on contracts no longer are reported on new transactions. Lubricants are in strong position.

GASOLINE.—Low octane motor, 4½c. to 4⅝c. per gallon; 63-66 octane motor, 4¾c. to 4⅞c.; 67-69 octane motor, 5c. to 5⅛c.; 70-72 octane motor, regular, 5¼c. to 5⅜c.; 60-62, 400 endpoint, 4½c. to 4⅝c.; 64-66, 375, 4½c. to 4¾c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3⅝c. to 3⅞c.

FURNACE OILS.—Range oil, 3⅜c. to 3¾c. per gallon; No. 1 prime, 3⅜c. to 3⅝c.; No. 1 straw, 3¼c. to 3½c.; No. 2 straw, 3⅛c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; No. 3, 3c. to 3⅛c.; 32-36, dark, industrial gas oil, 2¾c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Sept. 12.—The domestic market maintained the same steady price level during the past week, with no change in quoted prices. Foreign inquiries and exports were fair. U. S. motor gasoline was quoted at 5¾c.; U. S. motor below 62 octane at 5¾c.; 63-67 octane at 6c., and 68-70 octane at 6⅛c.—the foregoing prices being based on a per gallon rate at refinery.

Kerosene continued firm at 7⅛c. per gallon at refinery.

Bunker C fuel oil was quoted at 80c. per barrel at terminal and 85c. per barrel delivered alongside, while industrial plants in this vicinity continued to be quoted at $1.36 per barrel, delivered.

Tulsa, Sept. 13.—Although not entirely unexpected, a shift in the demand of oil products has been one of the surprising events of the week. Predominance of demand for heavy fuels this week far outweighs all other interest in the spot and contract trading. With this general broadening of demand for the one inventory which has been top-heavy for the past year and the betterment of the crude oil market, all of the oil markets present basic strength. That this newly established condition will find expression in a general price rise in the oil markets is a development which is almost unanimously looked for by refiners. The major buyer of oil in Illinois, one of the weakest spots in the industry, increased crude prices 10 cents per barrel. Other increases were posted in isolated instances in the midcontinent.

Although most prices are unchanged this week there is a strong undertone and refiners will be quick to post moderate price increases upon the development of momentum. Demand for coastal shipment of fuel oil came into the central states this week and inquiries for lubricants likewise broadened.

GASOLINE.—U. S. motor, third grade, 4½c. to 4¾c. per gallon; 63-66 octane, 4¾c. to 5⅛c.; 67-69, 4⅞c. to 5¼c.; and 70-72 octane, 5¼c. to 5½c.

NATURAL GASOLINE.—Quotations are firm and unchanged. The 26-70 grade is 4c. per gallon and the 18-55 grade is 4¾c.

DISTILLATES.—No. 1 prime white, 3½c. to 3¾c. per gallon, and straw, 3⅜c. to 3⅝c.; No. 2 dark is 3¼c. to 3⅜c. per gallon, while gas oils are 2⅞c. to 3c.

KEROSENE.—The 41-43 grade is strong at 3¾c. to 4¼c. per gallon, and the 42-44 grade is 4c. to 4⅝c.

FUEL OILS.—All residuals have firmed and bidding for even the lowest grades is active. The spread has been increased and quotations for grades below 16 degrees, depending on the viscosity, range from 50c. to 80c. per barrel. The 24-28 degree grade is 85c. to 95c. per barrel, and the low cold test is $1 to $1.10.

LUBRICANTS.—Consolidation of the price increases posted last week has been effected and other manufacturers have followed the higher quotations. Bidding continues on a large scale and the strength of the eastern market is contributing. Coast shipment orders have been booked throughout the mid-continent.

Kendall Refining Company, Bradford, Pa., plans the erection of a motor oil treating unit at a cost of $250,000.

Crude Oil Daily Output Up

The daily average crude oil production in the United States during the week ended September 9 was 3,228,650 barrels, an increase of 945,450 over the 2,283,200 in the preceding week, according to the American Petroleum Institute. Stocks of gasoline at the end of the week were 72,244,000 barrels, a decrease of 950,000 from the 73,194,000 reported a week earlier. On September 9, 1938, these stocks were 70,399,000 barrels.

Antitrust Laws to Be Used To Prevent Profiteering

—Continued from page 3

sees facing his division of the Department of Justice in the event that profiteering is indicated, Mr. Arnold said:—

Granted an effective organization, enforcement will come. And the kind of enforcement which should be obtained from an effective organization does not mean a rash of indictments breaking out all over the country. It means, rather, effective preventive measures to deter reckless offenders from getting started and compelling orderly businessmen to follow in self-protection. The greatest service which well planned prosecution can render is to increase the respect for the law and make potential enforcement a real deterrent. The mere publication of the fact that a road is patrolled is sufficient to cut down arrests for speeding.

To illustrate his point of deterring influences Mr. Arnold compared recent events in the rubber industry, not under investigation, wherein, he said, prices were increased 36 percent, with those in the fertilizer industry, "today under investigation from top to bottom," in which, he pointed out, "no such price raise occurred though large quantities of its basic materials have been cut off by the war."

Phillips Petroleum Company, Bartlesville, Okla., has reported to the Securities and Exchange Commission that on August 1 it issued $9,000,000 of its 1½ percent serial notes, divided $7,000,000 to the Metropolitan Life Insurance Company and $2,000,000 to the Mutual Life Insurance Company.

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Fertilizer Materials

Rough Ammoniate Prices Continue to Climb Upward—Chemicals Unchanged—Some Producers Withhold Offerings—Future Imports Uncertain—Tax Tag Sales Up

The market for rough ammoniates again held the spotlight last week, with prices climbing upward every day during the period. Meanwhile, the producers of chemical materials were attempting to hold their positions despite the uncertainty about the future status of the raw materials market. Business was normal for suppliers of nitrate of soda and sulphate of ammonia, although several sellers of the latter product were not offering it for shipment prior to 1940. There had apparently been little speculation in both items, consumers seemingly willing to take their chances on unchanged conditions when they want their deliveries. Producers of cyanamid and ammonia phosphate were withholding offerings and were refusing to sell until they are enough acquainted with the present market to decide on suitable prices. Products advanced were blood, bone, fish scrap, hoofmeal, nitrogenous material and tankage.

An interesting development of the present market is the entrance of material from points that were considered meager sources of supply before the war. A fair-sized quantity of bone and tankage were reported arriving from both Australia and the Orient. Suppliers of Canadian pyrites stated that the demand for their product had increased noticeably since shipping from abroad became uncertain. Meanwhile, other foreign products were shipped irregularly. On top of a sharp advance in freightage rates, several shipping companies withdrew some of their steamers from service rather than risk loss of cargo. Because of this, importers who had material ready to be shipped were encountering difficulty in securing space on freighters.

Sales of fertilizers in 17 states during August, as indicated by the sale of tax tags, amounted to 154,865 tons, against 128,701 tons in the corresponding period last year, according to the National Fertilizer Association. Increase in sales in all five states of the Midwest was the major change. Sales during the first eight months of the year totaled 4,684,892 tons, compared with 4,539,462 tons in January-August, 1938. Comparative data will be found on the table below.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, dried, dom., 25c. per unit, f.o.b. N. Y.
dom., high-grd., 75c. per unit, f.o.b. Chi.
imp., 45c. per unit, c.i.f. ports
Bone, raw, imp., $8 per ton, c.i.f. ports
steamed, imp., 3 & 50, $2.50 per ton, c.i.f. ports
1 & 65, $1 per ton
Fish scrap, menhaden, grd., $3 per ton, f.o.b. Balto.
wet acidulated, 15c. per unit, S. Atlantic factories
Japanese sardine meal, contracts, $2 per ton
spot, $3 per ton
Hoofmeal, 50c. per unit, f.o.b. Chi.
Nitrogenous material, 45c. per unit, East Coast producing points
imported, 50c. per unit, c.i.f. Atlantic ports.
Tankage, dom., grd., N. Y., 50c. per unit
unground feeding, N. Y., 75c. per unit
Chicago, 25c. per unit
unground high-grade feeding, 50c. to 75c. per unit, Chi.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Prices for rough ammoniates continued to seek higher ground last week, riding on the crest of a wave of active buying. Prices were changing so rapidly that men in the trade had difficulty in following the market. Advances were made in blood, bone, fish scrap, hoofmeal, nitrogenous and tankage.

Dried Blood.—The domestic product was advanced 25c. per unit in the New York market to $4.25. High-grade ground material was sold in Chicago at $4 per unit, an increase of 75c. Imported material was quoted at $3.90 per unit, a rise of 45c. Imports into the United States during the first six months of 1939 totaled 6,918 long tons, exceeding the full-year 1938 tonnage of 5,716.

Fish Scrap.—Ground menhaden advanced $3 per ton to $52, f.o.b. Baltimore. Wet acidulated scrap was hiked 15c. per unit to $2.50 and 50c. Japanese sardine meal was offered on contract at $51, a $2 per ton advance, while the spot price was increased $3 per ton to $52. There was some doubt that all the scrap sold on a when-if-made basis can be produced.

Hoofmeal.—For the second successive week the price was advanced 50c per unit. Material was offered last week at $3 per unit, f.o.b. Chicago.

Nitrogenous Material.—The price at East Coast producing points was advanced 45c. per unit to $2.75. Imported material was up 50c. to a nominal quotation of $2.75.

Tankage.—Domestic ground material was sold in New York at $3.25 and 10c. per unit, a 50c. advance. Unground feeding material was up 75c. per unit to $5 and 10c. in New York and up 25c. to $3 and 10c. at Chicago. High-grade unground feeding was 50c. to 75c. higher in Chicago, being offered at $4.50 and 10c. per unit. Imported material was nominal.

Potashes

Suppliers of domestic agricultural potash salts reported comparative quiet last week with the market apparently only slightly affected by European conditions. The majority of consumers of domestic material had booked their contracts while the 12 percent discount period was in force and therefore the market was fairly regular. Importers, however, were uncertain as to what the proper price should be and were awaiting news from abroad before resuming normal business operations. They were not taking on any new orders, preferring to proceed cautiously until they could analyze present conditions.

—*Continued on page 62*

General Aniline Works, Inc., net sales for 1938 amounted to $11,228,673, against $12,420,565 in 1937.

Fertilizer Tag Sales: August

	Tons*							
	P.C. of 1938.	August 1939.	August 1938.	August 1937.	P.C. of 1938.	January-August 1939.	January-August 1938.	January-August 1937.
South—								
Virginia†	71	12,199	17,150	11,519	103	329,627	319,961	351,170
North Carolina	272	4,073	1,500	3,175	111	1,108,955	1,003,546	1,124,218
South Carolina	107	2,525	2,355	1,300	102	638,914	627,189	732,446
Georgia	137	1,458	1,064	750	95	666,202	700,283	845,289
Florida†§	118	18,697	15,899	16,878	98	303,498	308,600	344,037
Alabama	144	650	450	550	105	547,300	522,000	617,660
Mississippi	42	200	475	1,200	93	277,846	298,636	323,785
Tennessee†	9	360	3,862	1,914	102	116,679	113,977	123,118
Arkansas‡	160	400	250	250	104	65,372	62,850	66,475
Louisiana†	172	2,150	1,250	1,580	100	125,728	125,222	133,852
Texas†	153	275	150	630	112	81,009	72,122	74,977
Oklahoma	1	5	400	505	90	6,403	7,080	5,625
Totals South	96	42,992	44,805	40,251	103	4,267,533	4,161,466	4,742,652
Midwest—								
Indiana	109	67,694	62,000	91,350	113	228,508	202,609	234,895
Illinois	142	7,362	5,195	3,363	105	37,087	35,412	38,596
Kentucky	360	9,550	2,650	10,783	105	102,106	97,548	99,385
Missouri	198	20,006	10,156	12,659	117	41,032	34,965	44,714
Kansas	184	7,171	3,895	3,819	116	8,626	7,462	5,804
Totals Midwest	133	111,873	83,896	121,974	110	417,359	377,996	423,394
Grand totals	120	154,865	128,701	162,225	103	4,684,892	4,539,462	5,166,046

*Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 31,250 tons of cottonseed meal for January-August combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

§ Includes 38,060 tons of lime and phosphatic materials for January-August.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ACETIC—1 cs, American Trader, London
COALTAR—4 dms, Merck & Co, Gitano, Hull
CRESYLIC—47 dms, Merck & Co, Gitano, Hull
18 dms, Vandyck, Liverpool
50 dms, American Cyanamid & Chem Co, Vandyck, Liverpool
62 dms, Monsanto Chem Co, Vandyck, Liverpool
STEARIC—267 bgs, Vandyck, Liverpool
85 bgs, Binney & Smith Co, Noordam, Rotterdam
125 bgs, M J Corbett & Co, Noordam, Rotterdam
AGAR AGAR—5 cs, R J Prentiss & Co, Kano, Tientsin
57 bgs, T M Duche & Sons, Grete Maersk, Shanghai
ALBUMEN, EGG HEN—28 cs, I Grob & Co, Kano, Tientsin
65 cs, Melchers, Inc, Grete Maersk, Shanghai
ALCOHOL, DENATURED—400 dms, C P Chemical Solvents, Rosario, Ponce
AMMONIA, SULPHOCYANIDE—20 cks, Chemical Marketing Co, Binnendijk, Rotterdam
ANISE—283 bgs, Mexico, Vera Cruz
STAR—50 bgs, S B Penick & Co, President Monroe, Hongkong
ANTIMONY, ORE—443 bgs, Philipp Bros, Santa Clara, Antofagasta
REGULUS—2,000 cs, Wah Chang Trading Corp, President Monroe, Hongkong
SULPHIDE ORES—306 bgs, W R Grace & Co, Santa Clara, Callao
ARTISTS' MATERIAL—4 cs, Gallagher & Ascher, Noordam, Rotterdam
ASPHALT—321 bgs, A V Berner & Co, Seatrain New Orleans, Havana
169 bgs, Mexico, Vera Cruz
1,753 bgs, A V Berner & Co, Seatrain Havana, Havana
LIQUID—50 dms, Helvig, Rotterdam
BARBASCO ROOT—226 bls, C Argust Bacchus, Ciudad, Bolivar
BARIUM, SULPHATE—1 cs, Gallagher & Ascher, Noordam, Rotterdam
BARYTES—8 cars, United Color Pigment Co, Seatrain New Orleans, Havana
BISMUTH—150 bxs, Cerro de Pasco Copper Corp, Santa Clara, Callao
BRISTLES—364 cs, F H Cone & Co, Kano, Tientsin
2 cs, H Rosenhirsch Co, Kiyokawa, Kobe
21 cs, F H Cone & Co, Kiyokawa, Kobe
3 cs, Iwai & Co, Kiyokawa, Kobe
25 cs, F W Von Stade, Grete Maersk, Hongkong
62 cs, Grete Maersk, Hongkong
5 cs, Rubberset Co, Grete Maersk, Shanghai
50 cs, F H Cone & Co, Grete Maersk, Shanghai
13 cs, American Trader, London
2 cs, F H Cone & Co, American Trader, London
1 cs, Public Natl Bank, Hokuroku, Kobe
55 cs, Bank of Manhattan, Hokuroku, Dairen
35 cs, Mitsubishi Shoji Kaisha, Hokuroku, Tientsin
9 cs, M Broverman & Son, President Monroe, Bombay
CACTUS—10 cs, Quirigua, Kingston
CALCIUM NITRATE—854 bgs, Synthetic Nitrogen Product Corp, Bergensfjord, Berlin
CANARY SEED—220 bgs, Northern Prince, Buenos Aires
CARAWAY SEED—100 bgs, Stickney & Poor Spice Co, Binnendijk, Rotterdam
CARBON DECOLORIZING—48 cks, R W Greeff & Co, Noordam, Rotterdam
CARDAMOM—23 cs, City of Lyons, Colombo
CASCARILLA BARK—45 bls, Munargo, Nassau
CASEIN—417 bgs, A Hurst & Co, Mormacsun, Buenos Aires
834 bgs, T M Duche & Sons, Mormacsun, Buenos Aires
250 bgs, Black Falcon, Rotterdam
313 bgs, American British Chem Supplies, Black Heron, Antwerp
CASSIA—200 bls, Knickerbocker Mills Co, Grete Maersk, Hongkong
650 bls, Wah Young Co, Grete Maersk, Hongkong
384 bls, A G Dunn, Grete Maersk, Hongkong
200 bls, Melchers, Inc, Grete Maersk, Hongkong
ROLLS—200 bls, A G Dunn, Grete Maersk, Hongkong
CASTOR BEANS—4,235 bgs, Baker Castor Oil Co, Mormacsun, Bahia
1,700 bgs, Spencer Kellogg & Sons, Mormacsun, Bahia
7,558 bgs, Mormacsun, Pernambuco
CELERY SEED—100 bgs, Dyson Shipping Co, President Monroe, Marseilles
50 bgs, O Gerdau Co, President Monroe, Marseilles
134 bgs, President Monroe, Marseilles
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Trader, London
PRECIPITATED—100 cks, 325 bgs, H J Baker & Bros, Gloucester City, Cardiff
1,500 bgs, 76 tons, 13 cwt, 2 qtrs, Colgate-Palmolive-Peet Co, Gitano, Hull
100 cks, 245 bgs, H J Baker & Bros, Vandyck, Liverpool
CHEMICALS—7 cs, Yardley & Co, Baalbek, London
143 bgs, Binnendijk, Rotterdam
10 cs, Kiyokawa, Kobe
60 dms, Advance Solvents & Chem Co, Tunaholm, Gothenburg
100 demijs, Atlantic Forwarding Co, Black-Falcon, Rotterdam
24 cyls, 24 dms, 1 ck, 18 cs, Sandoz Chem Works, Ile de France, Havre
2 cs, Anglo-French Drug Co, Ile de France, Havre
100 cs, American Dyewood Co, Ile de France, Havre
3 cks, G F Doherty, Ile de France, Havre
1 kg, Carbic Color & Chem Co, Ile de France, Havre
3 cs, French Line, Ile de France, Havre
15 cs, 4 pkgs, Ile de France, Havre
8 cs, Gane & Ingram, Ile de France, Havre
20 dms, Universal Carloading & Distr Co, Kungsholm, Gothenburg
139 cs, Bergstrom Trading Co, Kungsholm, Gothenburg
250 cks, Black Heron, Antwerp
16 dms, 57 cs, 4 cks, 13 pkgs, Noordam, Rotterdam
CHILLIES—60 bgs, A G Dunn, Kiyokawa, Kobe
CHINA CLAY—240 bgs, J W Higman Co, Noordam, Rotterdam
CHROME ORE—1,000 tons, Bank of Athens, Examelia, Aghia Marina
CLOVES—100 bls, French Line, Silveryew, Tamatave
108 bls, President Monroe, Marseilles
COALTAR INTERMEDIATES—61 cks, General Dyestuff Corp, Noordam, Rotterdam
COCA LEAVES — 100 bls, Maywood Chem Works, Santa Clara, Salaverry
COCOA BEANS — 1,000 bgs, Wessel, Kulenkampf & Co, Mormacsun, Bahia
1,500 bgs, Scarburgh & Co, Mormacsun, Bahia
3,558 bgs, W & A Leaman, Binnendijk, Rotterdam
500 bgs, Wood & Selick, Bacchus, Port Spain
500 bgs, Bacchus, Port Spain
650 bgs, Santa Paula, Porto Cabello
300 bgs, South America Prod Co, Santa Paula, La Guaira
300 bgs, Wessel, Kulenkampf & Co, Borinquen, Trujillo
27 bgs, Mecke & Co, Astrea, Maracaibo
2,850 bgs, Astrea, Porto Cabello
300 bgs, W R Grace & Co, Santa Clara, San Antonio
1,360 bgs, Machado & Co, Leif, Trujillo
250 bgs, Kennedy Butcher Co, Northern Prince, Port Spain
150 bgs, Northern Prince, Port Spain
RESIDUE—7,500 bgs, H J Baker & Bros, Black Falcon, Rotterdam
COCONUTS—300 bgs, I L Toledano Corp, Ancon, Cristobal
23 half bgs, R Maldonaco, Borinquen, San Juan
20 half bgs, Caribbean Trading Co, Borinquen, San Juan
13 bgs, General Food Corp, Rosario, Mayaguez
58 bgs, I L Toledano Corp, Rosario, San Juan
646 bgs, General Food Corp, Rosario, San Juan
220 bgs, Rosario, San Juan
250 pkgs, Bingham & Co, Munargo, Nassau
600 bgs, Universal Import & Export Co, Quirigua, Kingston
1,710 bgs, General Food Corp, Quirigua, Kingston
500 bgs, J A Manton, Quirigua, Kingston
COCONUT, DESIC—2,732 cs, Durkee Famous Food, Grete Maersk, Manila
300 cs, J H Vavasseur & Co, City of Lyons, Colombo
250 cs, Wilbur Ellis Co, Hokuroku, Davao
745 cs, Wilbur Ellis Co, Hokuroku, Davao
COLORS, DRY—5 dms, E I du Pont de Nemours & Co, Statendam, Rotterdam
5 dms, E I du Pont de Nemours & Co, Noordam, Rotterdam
5 dms, 5 cs, Gallagher & Ascher, Noordam, Rotterdam
EARTH—25 cks, Penson & Co, Noordam, Rotterdam
COPPER MUD—852 bgs, 71 bbls, Estrella, Marseilles
RESIDUE—350 bgs, Gitano, Newcastle-on-Tyne
CORIANDER SEED—300 bgs, Isbrandtsen-Moller Co, Helvig, London
CORK—27 bgs, Mundet Cork Co, Estrella, Lisbon
SHAVINGS—544 bls, Estrella, Lisbon
WASTE—70 bls, Wicander & Co, Navemar, Lisbon
1,225 bls, National City Bank, Navemar, Seville
1,407 bls, Armstrong Cork Co, Navemar, Lisbon
13,083 bls, Mundet Cork Co, Navemar, Lisbon
490 bls, H Suhl, Estrella, Alger
14 bls, Estrella, Bona
175 bls, National City Bank, Estrella, Lisbon
788 bls, Manufacturers Trust Co, Estrella, Lisbon
151 bls, Estrella, Lisbon
3,959 bls, Armstrong Cork Co, Estrella, Lisbon
WOOD—174 bls, Mundet Cork Co, Navemar, Lisbon
40 bls, H Suhl, Estrella, Alger
406 bls, Estrella, Alger
580 bls, Estrella, Lisbon
50 bls, Wicander & Co, Estrella, Lisbon
50 bls, Armstrong Cork Co, Estrella, Lisbon
CUMIN SEED—77 bgs, Estrella, Marseilles
CUTTLEFISH BONES—92 cs, Estrella, Marseilles
DEXTRIN, POTATO—100 bgs, Stein, Hall & Co, Binnendijk, Rotterdam
DILLSEED—133 bgs, City of Lyons, Colombo
DYES, ALIZARIN—10 cks, General Dyestuff Corp, Noordam, Rotterdam
ANILIN—1 pkg, Fulton Import & Export Co, Ile de France, Havre
10 cyls, Sandoz Chem Works, Ile de France, Havre
9 kgs, 2 cs, Carbic Color & Chem Co, Ile de France, Havre
32 cks, French Line, Ile de France, Havre
1 dm, E I duPont de Nemours & Co, Vandyck, Liverpool
112 dms, 27 cks, 1 cs, General Dyestuff Corp, Noordam, Rotterdam
EGG YOLK, HEN—56 cs, Consumers Import Co, Kano, Tientsin
112 cs, J Lowe Corp, Kano, Tientsin
56 cs, I Grob & Co, Kano, Tientsin
56 cs, Stein, Hall & Co, Grete Maersk, Shanghai
224 cs, Hokuroku, Tientsin
112 cs, Continental Bank Trust Co, Hokuroku, Tientsin
EMERY POWDER—50 bgs, American Trader, London
ERGOT—20 cs, Helvig, London
FILTER, PAPER—5 cs, J E Bernard & Co, Kungholm
18 cs, H Reeve Angel & Co, American Trader, London
FISH LIVERS—700 tins, J D Irwin & Co, Grete Maersk, Yokohama
FLEASEED—122 bgs, T M Duche & Sons, Hermion, Bombay
88 bgs, President Monroe, Bombay
4 bgs, Stallmann & Co, President Monroe, Bombay
115 bgs, President Monroe, Marseilles
FLOTATION CALC. CONC—2 cs, American Cyanamid & Chem Co, Silveryew, Port Swettenham
FLOWERS, MEDICINAL—10 bls, President Monroe, Marseilles
FULLERS EARTH—750 bgs, L A Solomon & Bros, Gloucester City, Cardiff
GAMBIER—140 bgs, Silveryew, Singapore
GELATIN—10 kegs, T M Duche & Sons, Vandyck, Liverpool
SHEET—61 bls, T M Duche & Sons, Helvig, Antwerp
POWDERED—40 bgs, Forvent Co, Black Heron, Antwerp
2 cs, International Selling Corp, Westernland, Antwerp
100 bgs, T M Duche & Sons, Noordam, Rotterdam
GINGER ROOT—11 bgs, Sion Solomon, Seatrain Havana, Havana
10 bgs, Corn Exchange Bank, Seatrain Havana, Havana
4 bgs, Josephine Ramirez, Borinquen, San Juan
3 bgs, Caribbean Trading Co, Borinquen, San Juan
170 bgs, Quirigua, Kingston
171 bgs, B H Old & Co, Quirigua, Kingston
50 bgs, A G Dunn, Quirigua, Kingston
220 bgs, Barclay Bank, Quirigua, Kingston
GLASS, PLATE—5 cs, Semon, Bache & Co, Black Heron, Antwerp
WINDOW—453 cs, Semon, Bache & Co, Black Heron, Antwerp
625 cs, Richter & Ring, Black Heron, Antwerp
800 cs, Petrocelli, Beusse & Rogers, Black Heron, Antwerp
1 cs, Semon, Bache & Co, Vandyck, Liverpool
BLUE—200 bgs, National Adhesive Corp, Vandyck, Liverpool
50 dms, 40 bgs, Rex & Reynolds, President Monroe, Marseilles
GLYCERIN—20 dms, Estrella, Marseilles
GRAPHITE—250 bgs, Asbury Graphite Mills, Silveryew, Tamatave
1,530 bgs, Silveryew, Tamatave
50 bgs, Bankers Trust Co, City of Lyons, Colombo
276 bgs, Asbury Graphite Mills, City of Lyons, Colombo
500 bgs, National City Bank, City of Lyons, Colombo
125 dms, Hensel, Bruckmann & Lorbacher, Estrella, Marseilles
AMORPHOUS — 2,800 bgs, Asbury Graphite Mills, Kiyokawa, Chosen
GREASE, SEWAGE—50 dms, Hummel Chem Co, Vandyck, Liverpool
WOOL—80 dms, Hummel Chem Co, Vandyck, Liverpool
62 dms, Vandyck, Liverpool
GUM—16 bbls, Estrella, Casablanca
ARABIC—400 bgs, T M Duche & Sons, Hermion, Port Sudan
700 bgs, Innis, Speiden & Co, Hermion, Port Sudan
100 bgs, Frank Vliet Co, Hermion, Port Sudan
150 bgs, National Adhesive Corp, Hermion, Port Sudan
100 bgs, Thurston & Braidich, Hermion, Port Sudan
500 bgs, P A Dunkel & Co, Hermion, Port Sudan
150 bgs, R E Miller, Hermion, Port Sudan
150 bgs, Hermion, Port Sudan
ASAFETIDA—28 cs, City of Lyons, Colombo
BENZOIN—25 cs, Sandow Haase Co, Silveryew, Sibolga
8 cs, Troilus, Singapore
COPAL—252 bgs, O G Innes Corp, Silveryew, Macassar
368 bkts, Stroock & Wittenberg, Silveryew, Macassar
68 bkts, Gillespie-Rogers-Pyatt Co, Silveryew, Macassar
150 bkts, Chase National Bank, Silveryew, Macassar
71 bkts, Manufacturers Trust Co, Silveryew, Macassar
119 bkts, T G Cooper & Co, Silveryew, Macassar
400 bgs, Westernland, Antwerp
25 cs, 32 bgs, S Winterbourne & Co, President Monroe, Singapore
DAMMAR—70 bgs, France, Campbell & Darling, Silveryew, Singapore
210 bgs, G W S Patterson & Co, Silveryew, Singapore
280 bgs, American Cyanamid & Chem Co, Troilus, Singapore
420 bgs, Stroock & Wittenberg, Troilus, Singapore
384 bgs, S Winterbourne & Co, President Monroe, Singapore
KARAYA—200 bgs, Thurston & Braidich, President Monroe, Bombay
66 bgs, President Monroe, Bombay
LABDANUM—3 pkgs, Geo Lueders & Co, Navemar, Seville
LOCUST BEAN—400 bgs, Superintendence Co, President Monroe, Marseilles
100 bgs, T M Duche & Sons, President Monroe, Marseilles
OLIBANUM—64 bgs, A D Isbetcherian, Hermion, Bombay
TRAGACANTH—131 bgs, E Meer & Co, President Monroe, Bandar
230 bgs, E Meer & Co, President Monroe, Bushire
GYPSUM—5,100 tons, U S Gypsum Co, Gypsum Empress, Windsor
3,116 tons, Cetus, Ding
4,600 tons, U S Gypsum Co, Gypsum King, Windsor
CALCINED—621 bgs, Whittaker, Clark & Daniels, Gitano, Hull
HEMPSEED—200 bgs, Mitsui & Co, Hokuroku, Dairen
HERBS, MEDICINAL—5 bls, R J Gates, Examelia, Genoa
ILMENITE ORE—600 bgs, E I Du Pont de Nemours Co, Gitano, Newcastle, Tyne
IRISH MOSS—15 bgs, 44 bls, Ide de France, Havre
IRON ORE—7,910 tons, L J Buck, Laponia, Norvik
42 dms, Reichard Coulston, Vandyck, Liverpool
OXIDE—50 bbls, G E Collins & Co, Gloucester City, Cardiff
30 cks, Reichard Coulston, Gloucester City, Cardiff
28 cks, J Lee Smith & Co, Gitano, Hull
2 cks, J H Rhodes & Co, Vandyck, Liverpool
6 cks, Landers Segal Color Co, Vandyck, Liverpool
28 cks, J A McNulty, Vandyck, Liverpool
4 cks, First Natl Bank, Vandyck, Liverpool
ISINGLASS—12 cs, C H Reisig, American Trader, London
15 cs, Richard Shipping Corp, American Trader, London
KOLA NUTS—112 bgs, D Steengrafe, Amapala, Kingston
LEAVES, MEDICINAL—64 bls, President Monroe, Marseilles
LICORICE ROOT—3,270 bls, Tannin Corp, Examelia, Izmir
10,833 bls, MacAndrews & Forbes, Examelia, Tarant
LITHOPONE—406 cks, Benj Moore & Co, Noordam, Rotterdam
MACE—20 cs, B H Old & Co, Black Falcon, Rotterdam
32 cs, B H Old & Co, Silveryew, Banda
14 cs, Catz American Co, Troilus, Macassar
32 cs, Troilus, Batavia
MAGNESIA, CALCINED—10 cs, Schofield-Donald Co, Vandyck, Liverpool
CARBONATE—100 cks, 50 cs, Schofield-Donald Co, Vandyck, Liverpool
MAGNESITE, GRAIN—120 bgs, City of Lyons, Madras
LUMP—1,000 bgs, City of Lyons, Madras
MANGROVE BARK EXTRACT—3,000 bgs, Silveryew, Singapore
3,000 bgs, Saxe Cutch Corp, Troilus, Singapore
500 bgs, President Monroe, Singapore
MATE—20 cyls, Meyer Lyra & Co, Northern Prince, Buenos Aires
MATCHES, SAFETY—4,210 cts, New York Match Co, Kungsholm, Gothenburg
MEDICINAL PREPS—11 cs, Italian Drug Import Co, President Monroe, Genoa
MENTHOL—45 cs, Bridges, Neumer & Co, Kano, Tientsin
MICA—3 cs, Philadelphia National Bank, City of Lyons, Calcutta
21 cs, City of Lyons, Calcutta
60 cs, Northern Prince, Rio de Janeiro
4 cs, Estrella, Marseilles
BLOCK—5 cs, City of Lyons, Calcutta
SPLITTINGS—20 cs, Brown Bros, Harriman Co, City of Lyons, Calcutta
7 cs, City of Lyons, Calcutta
MILK POWDER, SKIMMED—440 bgs, Binnendijk, Rotterdam
MOLASSES—84,000 gls, American Molasses Co, Munargo, Havana
MUSTARD SEED—150 bgs, Catz American Co, Binnendijk, Rotterdam
MYROBALANS—1,920 bgs, Hermion, Bombay
EXTRACT—330 bgs, International Prod Corp, Gitano, Hull
NAPHTHALENE—536 bgs, F R Bertrand, Gloucester City, Cardiff
1,959 bgs, S M Schwarzschild, Gloucester City, Cardiff
528 bgs, Gloucester City, Cardiff
1,000 bgs, Helvig, London
NUTMEGS—32 cs, Catz American Co, Silveryew, Macassar
11 bgs, Catz American Co, Silveryew, Banda
350 bgs, Troilus, Batavia
OIL—50 dms, Estrella, Marseilles
ALMOND—4 cs, Ungerer & Co, American Trader, London
50 cs, Fritzsche Bros, President Monroe, Marseilles
CAMPHOR—35 dms, Irving Trust Co, Hokuroku, Yokohama
CASHEW—1 cs, General Food Corp, President Monroe, Mormugoa
CASSIA — 10 dms, Bingham & Co, Grete Maersk, Hongkong
CHINAWOOD—110 dms, Universal Trading Corp, Grete Maersk, Shanghai
CLOVES—8 dms, Silveryew, Santa Marie
COCONUT — 727 tons, Philippine Refining Corp, Silveryew, Cebu
10 cs, I L Toledano Corp, Quirigua, Kingston
COD—10 dms, I R Boody & Co, Fort Amherst, St Johns
50 dms, Bergensfjord, Bergen
150 dms, E M Javitz Co, Bergensfjord, Oslo
95 dms, Silmo Chem Corp, Fort Townshend, St Johns
52 cks, F W Damon, Fort Townshend, St Johns
CODLIVER—75 cs, Schieffelin & Co, Bergensfjord, Oslo
150 bbls, C L Huisking & Co, Bergensfjord, Aalesund
140 dms, Upjohn Co, Bergensfjord, Bergen
260 dms, E M Javitz Co, Bergensfjord, Bergen
2,018 tons, Chase National Bank, Irania, Hamburg
532 dms, Gitano, Hull
CORN—500 dms, Corn Product Refining Co, Grete Maersk, Kobe
ESSENTIAL—70 pkgs, Ile de France, Havre
12 cs, Mexico, Vera Cruz
3 cs, American Trader, London
3 dms, Quirigua, Kingston
2 cs, Statendam, Rotterdam
10 pkgs, Estrella, Marseilles
22 pkgs, President Monroe, Marseilles
34 cs, Noordam, Rotterdam
EUCALYPTUS—10 dms, McKesson & Robbins, Grete Maersk, Kobe
10 dms, Lo Curto & Funk, Grete Maersk, Kobe
FISH LIVER—30 dms, Consumers Import Co, Kiyokawa, Yokohama
224 dms, Consumers Import Co, Grete Maersk, Yokohama
FUEL—41,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
4 dms, 3 cs, American Locomotive Co, Mormacsun, Buenos Aires
63,005 bbls, Asiatic Petroleum Corp, Laristan, Aruba
58,397 bbls, Asiatic Petroleum Corp, Luminetta, Curacao
110,275 bbls, Standard Oil Co of N J, Calgarolite, Aruba
LAVENDER—4 dms, Chase Natl Bank, Estrella, Marseilles
2 cs, Estrella, Marseilles
LIME—1 cs, Montserrat Co, Northern Prince, Port Spain
LINSEED—2 bbls, Gallagher & Ascher, Noordam, Rotterdam
LUBRICATING—183 dms, D T Sallows, Esso Aruba, Aruba
OLIVE—10 dms, Leghorn Trading Corp, Examelia, Leghorn
3,878 cs, Examelia, Leghorn
25 dms, J Uddo, Examelia, Genoa
191 dms, Helvig, London
1,010 cs, Navemar, Seville
25 dms, Banco Coml Italian Trust Co, Navemar, Seville
30 dms, Irving Trust Co, Navemar, Seville
25 ms, Magnus, Mabee & Reynard, Estrella, Nice
50 cs, Estrella, Marseilles
85 cs, 50 dms, Estrella, Lisbon
1,185 cs, President Monroe, Genoa
10 dms, Boiardi Food Prod Co, President Monroe, Genoa
10 ms, Scaturro Import Co, President Monroe, Genoa
70 dms, Atlantic & Pacific Tea Co, President Monroe, Genoa
50 dms, Schroeder Bros, President Monroe, Marseilles
PALM—1,140 tons, Troilus, Belawan Deli
450 tons, Banque Belge pour l'Etranger, Troilus, Belawan Deli
37 dms, Balfour, Guthrie & Co, Noordam, Rotterdam
140,800 kilos, Noordam, Rotterdam
PALMAROSA—2 pots, Volkart Bros, Hermion, Bombay
2 pots, Volkart Bros, President Monroe, Bombay

CHAS. L. HUISKING
President
PETER A. DIRR
Vice-President
WM. W. HUISKING
Secretary
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September 9, 1939

TO THE TRADE:—

Hopeful to the very last moment that the awful catastrophe in Europe would be averted, we now must face the facts. From all sides we are being besieged with inquiries and requests for information, and it is physically impossible to deal with these promptly and intelligently.

Conditions today are somewhat different to what they were when the previous war broke out just twenty-five years ago. Up to that time Germany had been the chief supplier of chemicals and medicinals, and this country was immediately called upon to supply the demands of practically the whole world. In the meantime we have become self sufficient with respect to most basic chemicals, and other countries including England, France, Switzerland, Italy, and Japan have also materially increased their chemical manufacture, and frankly we do not expect prices on chemicals to rise to the limits that they went to in the last war, but the European factories turning out chemicals and medicines for health purposes up to the present are now immediately transformed into other lines of endeavor, and the manufacturers in this country will be especially called upon to supply the needs of the non-manufacturing countries.

Already orders have begun to pour in here for enormous quantities of products of all sorts and eventually this extraordinary demand will take its toll and while for the present we hardly expect to see a substantial rise in values except for the strictly imported products, the longer the war in Europe goes on the more critical will the situation become, and with it will come the inability to keep up with demands.

Of course for the products that depend entirely on foreign sources, whether in the crude state or fully manufactured, the inevitable is already occurring. Such items as Quinine, Cod Liver Oil, Quicksilver, etc., etc., are showing the strain.

Our advice to the trade is, avoid panicky buying. For resale buy normally and fix your selling prices on your costs. For actual consumers, particularly manufacturers of proprietaries, the situation is somewhat different and it is imperative for most of them that they cover themselves while the products they need are still available.

We may be in for a long war. The prospects seem to indicate that and while speculation will again play an important part in market prices and manipulations, the important thing is to see that legitimate business has its needs taken care of and our manufacturers will do their part. Cooperate with them and everybody will be properly served.

Very truly yours,

CHAS. L. HUISKING & CO., INC.

P.S.—Prices are changing so fast that it is useless to issue a price list. We will do so as soon as possible.

The foregoing is a reprint of a circular issued by us under above date. We will continue from time to time to bulletin the conditions.

OIL, PALMKERNEL—50 dms, Black Heron, Rotterdam
115 dms, Tunley & Co, Noordam, Rotterdam
PATCHOULI—10 cs, East Asiatic Co, Silveryew, Singapore
10 cs, Silveryew, Penang
28 cs, Troilus, Singapore
PERILLA—531 dms, Murray Oil Prod Co, Gitano, Hull
581 tons, Mitsui & Co, Hokuroku, Dairen
436 tons, Mitsubishi Shoji Kaisha, Hokuroku, Osaka
448,000 lbs, Mitsubishi Shoji Kaisha, Hokuroku, Osaka
PIMENTO LEAF—7 cs, Gillespie & Co, Quirigua, Kingston
POPPYSEED—1 bbl, Gallagher & Ascher, Noordam, Rotterdam
SOYBEAN—1 cs, E M Van Voorhees, Hokuroku, Dairen
SYNTHETIC—26 cs, Lo Curto & Funk, Helvig, Rotterdam
TEASEED—129 dms, Arnhold & Co, Grete Maersk, Hongkong
143 dms, Leghorn Trading Co, Grete Maersk, Hongkong
ORANGE PEEL—104 bgs, Transmarine Mercantile Corp, Santa Paula, Cape Haitien
PAINT, SHIP—30 dms, Ellermans Wilson Line, Gitano, Hull
PAPAIN—11 cs, McKesson & Robbins, City of Lyons, Colombo
11 cs, President Monroe, Colombo
PAPRIKA—120 bgs, American Trader, London
225 bgs, Estrella, Oran
75 bgs, J Raphael & Son, Estrella, Oran
50 bgs, Hudson Tea & Spice Co, Estella, Oran
500 bgs, Estrella, Alicante
129 bgs, Estrella, Lisbon
PEATMOSS—585 bls, Ernest Bremerman & Co, Binnendijk, Rotterdam
1,250 bls, Premier Peatmoss Corp, Binnendijk, Rotterdam
700 bls, Halfmoon Mfg & Trading Corp, Binnendijk, Rotterdam
2,336 bls, Irving Trust Co, Westernland, Antwerp
500 bls, Halfmoon Mfg & Trading Co, Noordam, Rotterdam
200 bls, Premier Peatmoss Corp, Noordam, Rotterdam
800 bls, E Bremerman & Co, Noordam, Rotterdam
250 bls, Noordam, Rotterdam
PEPPER, BLACK—258 bgs, Catz American Co, Silveryew, Kota Agoeng
WHITE—258 bgs, Catz American Co, Troilus, Batavia
495 bgs, Troilus, Batavia
PETROLEUM, CRUDE—52,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
136,856 bbls, Standard Oil Co of N J, W S Fariah, Las Piedras
112,000 bbls, Standard Oil Co of N J, Esso New Orleans, Aruba
81,237 bbls, Standard Oil Co of N J, Reginolite, Guiria
PHOSPHATE, PRECIP — 1,000 bgs, Black Heron, Antwerp
PIMENTO—50 bgs, I Harrison & Whitney, Quirigua, Kingston
150 bgs, Gillespie-Rogers-Pyatt Co, Quirigua, Kingston
200 bgs, E F Leveen & Co, Quirigua, Kingston
100 bgs, Barclay Bank, Kingston
125 bgs, Quirigua, Kingston
PITCH, STEARIN—103 dms, S E Ketler, Gitano, Hull
278 dms, A V Berner & Co, Gitano, Hull
POLISH, BOOT—99 cs, Salomon & Phillips, American Trader, London
POPPYSEED—200 bgs, Catz American Co, Black Falcon, Rotterdam
500 bgs, Catz American Co, Statendam, Rotterdam
200 bgs, Statendam, Rotterdam
POTASH—100 dms, International Selling Corp, Estrella, Marseilles
METABISULPHITE—50 bbls, J Murphy & Co, Westernland, Antwerp
PRUSSIATE—20 cks, Philip Bauer Co, Statendam, Rotterdam
PYRETHRUM FLOWERS—250 bls, S B Penick & Co, Grete Maersk, Kobe
PYRIDIN—3 dms, Siber, Hegner & Co, Black Heron, Rotterdam
PYRITES—7,715,320 kilos, Pyrites Co, Motomar, Huelva
QUEBRACHO EXTRACT—2,950 bgs, International Product Corp, Northern Prince, Buenos Aires
QUICKSILVER—35 flasks, Chase Natl Bank, Mexico, Vera Cruz (option London)
RADIUM—5 cs, Radium Chem Co, Black Heron, Antwerp
RAPESEED—67 bgs, Norton, Lilly & Co, Silveryew, Calcutta
174 bgs, Northern Prince, Buenos Aires
RHUBARB—45 cs, S B Penick & Co, Grete Maersk, Shanghai
25 cs, Melchers, Inc, Grete Maersk, Shanghai
SANDALWOOD—20 bgs, City of Lyons, Colombo
100 bgs, Murphy & Beese Co, President Monroe, Bombay
SARDINE MEAL—1,000 bgs, Mitsubishi Shoji Kaisha, Hokuroku, Kobe
SEAWEED EXTRACT—40 bgs, National Adhesive Corp, Vandyck, Liverpool
SENNA LEAVES—10 bls, S B Penick & Co, City of Lyons, Colombo
10 bls, McKesson & Robbins, President Monroe, Tuticorin
50 bls, J L Hopkins & Co, President Monroe, Tuticorin
SESAME, PASTE—60 dms, President Monroe, Alexandria
SEED—300 bgs, Wah Chang Trading Corp, Grete Maersk, Shanghai
SHELLAC—200 bgs, Guaranty Trust Co, City of Lyons, Calcutta
300 bgs, Ralli Bros, City of Lyons, Calcutta
175 cs, City of Lyons, Calcutta
26 bgs, A Hurst & Co, Noordam, Rotterdam
SEEDLAC—1,750 bgs, Montrose Corp, City of Lyons, Calcutta
350 bgs, Gillespie, Rogers, Pyatt Co, City of Lyons, Calcutta
300 bgs, Mac Lac Co, City of Lyons, Calcutta
2,500 bgs, Guaranty Trust Co, City of Lyons, Calcutta
500 bgs, City of Lyons, Calcutta
SOAP—18 cs, American Express Co, Helvig, Rotterdam
10 pkgs, Vandyck, Liverpool
BASE—235 cs, Yardley & Co, Baalbek, London
SADDLE—20 cs, American Express Co, American Trader, London
SODA—45 cks, Black Heron, Antwerp
CYANIDE—105 dms, American Cyanamid & Chem Co, Noordam, Rotterdam
SALT—4 cs, Burroughs, Wellcome & Co, American Trader, London
SOLVENTS—400 dms, C P Chemical Solvents, Rosario, Ponce
250 cs, P R Alcohol Co, Rosario, San Juan
SPONGES—18 bls, J E Bernard & Co, Lancastria, Nassau
23 bls, Mexico, Vera Cruz
REFUSE — 108 bls, Johns Manville Corp, Munargo, Havana
8 bls, Munargo, Nassau
SQUILL—706 bgs, S B Penick & Co, Estrella, Alger
STARCH, POTATO—250 bgs, Binnendijk, Rotterdam
RICE, POWD—25 bbls, F H Taussig, Black Heron, Antwerp
SULPHUR, PRECIP—10 cs, McKesson & Robbins, Vandyck, Liverpool
TALC—50 bgs, Examelia, Leghorn
8,000 bgs, Charles Mathieu, Examella, Genoa
350 bgs, Bergensfjord, Bergen
4,000 bgs, Whittaker, Clark & Daniels, Kiyckawa, Kobe
4,032 bgs, Grete Maersk, Kobe
TAMARINDS—125 cks, City of Lyons, Calcutta
TAPIOCA, FLOUR — 2,482 bgs, Silveryew, Pasocroean
2 pkgs, Catz American Co, Troilus, Batavia
100 bgs, Stein, Hall & Co, Troilus, Sourabaya
2,078 bgs, Stein, Hall & Co, Troilus, Sourabaya
204 bgs, Stein, Hall & Co, Troilus, Cheribon
250 bgs, American Cyanamid & Chem Co, Troilus, Cheribon
1,250 bgs, G W Rueff, Troilus, Cheribon
1,094 bgs, Stein, Hall & Co, Troilus, Sourabaya
250 bgs, Sino Java Hvg, Troilus, Cheribon
286 bgs, Perkins Glue Co, Leif, Puerto Plata
13,197 bgs, Corn Product Refining Co, Leif, Puerto Plata
TARTAR—482 bgs, Standard Brands, Estrella, Marseilles
54 bgs, Charles Pfizer & Co, Estrella, Marseilles
160 bgs, Estrella, Lisbon
TITANIUM ORE—1,250 bgs, Northern Prince, Santos
TUBA ROOT—18 bls, Rutger, Bleecker & Co, President Monroe, Singapore
TURPENTINE—3 dms, W R Warner & Co, Northern Prince, Montevideo
UMBER—25 cks, 10 bgs, Whittaker, Clark & Daniels, Vandyck, Liverpool
VANADIUM—7,758 bgs, Vanadium Corp, Santa Clara, Callao
VANILLA BEANS—54 cs, Dodge & Olcott Co, President Monroe, Marseilles
24 cs, Integrity Trust Co, President Monroe, Marseilles
VARNISH—2 cs, Lansen Naeve Corp, Ile de France, Havre
WAX—1 cs, Savolite, Inc, Black Heron, Antwerp
BEES—7 bgs, D Steengrafe, Rosario, San Juan
16 seroons, Porcella, Vicini & Co, Leif Puerto Plata
7 seroons, Porcella, Vicini & Co, Leif, Monte Cristy
25 bgs, Munargo, Havana
19 bls, Estrella, Lisbon
14 bgs, W M Allison & Co, President Monroe, Suez
CARNAUBA—59 bgs, Helvig, London
CURICURY—16 pkgs, Strahl & Pitsch, Mormacsun, Bahia
MINERAL—4 bgs, General Dyestuff Corp, Noordam, Rotterdam
VEGETABLE—50 bgs, A Hurst & Co, Vandyck, Liverpool
100 bgs, J E Bernard & Co, President Monroe, Genoa
WITHERITE—2,000 bgs, E I duPont de Nemours & Co, Gitano, Newcastle-on-Tyne
WOODFLOUR—2,790 bgs, B L Soberski, Bergensfjord, Fredrikstad
600 bgs, Burnet & Co, Bergensfjord, Fredrikstad
ZINC CHLORIDE—60 cks, American Cyanamid & Chem Co, Black Heron, Antwerp
OXIDE—100 cs, New York Quinine & Chem Works, Gitano, Newcastle-on-Tyne
10 bgs, Gitano, Newcastle-on-Tyne
100 bbls, Orbis Product Corp, President Monroe, Marseilles
5 bbls, Gallagher & Ascher, Noordam, Rotterdam

New York Transit Imports

CASSIA—180 bls, Frank Tea & Spice Co, Grete Maersk, Hongkong, Cincinnati
CADMIUM METAL—100 cs, Helvig, Antwerp, Detroit
ERGOT—20 cs, Parke, Davis & Co, Estrella, Lisbon, Detroit
MUSTARD SEED—500 bgs, W C Otten, American Trader, London, Rochester
OIL, RAPESEED—6 bbls, Binnendijk, Rotterdam, Syracuse
SPONGES—10 bls, J E Bernard & Co, Munargo, Havana, Chicago
15 bls, Havana, Nassau, Amsterdam
REFUSE—37 bls, J E Bernard & Co, Munargo, Havana, Chicago
16 bls, Havana, Nassau, Amsterdam
TEXTILE FINISHING PROD—9 cks, American Erika Corp, Black Falcon, Erika
WAX, BEES — 46 pkgs, Van Oppen & Co, President Monroe, Alexandria, Syracuse

Baltimore Imports

ALUMINUM SILICATE ORE—224 tons, Mathura, Calcutta
BONEMEAL — 829 bgs, Mormacrio, Buenos Aires
IRON ORE—11,850 tons, Bethlehem Steel Co, Firmore, Cruz Grande
21,700 tons, Bethlehem Steel Co, Chilore, Cruz Grande
22,300 tons, Bethlehem Steel Co, Svealand, Cruz Grande
MANGANESE ORE—2,200 tons, Mathura, Calcutta
QUEBRACHO EXTRACT—1,050 bgs, Mormacrio, Buenos Aires
SEAWEED—30 bgs, Collamer, Havre
TALC—600 bgs, Whitaker, Clark & Daniels, Collamer, Havre
TANKAGE—2,032 bgs, Mormacrio, Montevideo
4,775 bgs, Mormacrio, Santos

Boston Imports

AMMONIA SULPHOCYANIDE—20 cks, Chemical Marketing Co, Binnendijk, Rotterdam
BAUXITE—1,483 long tons, Aluminum Union, Ltd, Ingrid, Georgetown
1,000 long tons, Aluminum Union, Ltd, Ingrid, Port of Spain
BRISTLES—6 cs, American Trader, London
CARAWAY SEED—100 bgs, Stickney & Poor Spice Co, Binnendijk, Rotterdam
CHEMICALS—53 bbls, 143 bgs, Binnendijk, Rotterdam
CLOVES—30 bgs, Silveryew, Belawan Deli
COCOA BEANS—3,558 bgs, W & A Leaman, Binnendijk, Rotterdam
COCONUTS—50 bgs, Barclay Bank, Lady Nelson, St Lucia
DEXTRIN—100 bgs, Stein, Hall & Co, Binnendijk, Rotterdam
EMERY POWDER—30 bgs, 2 cs, Nicholson & Co, American Trader, London
FERTILIZER, CHEMICAL MANURE—40 bgs, T D Downing Co, American Trader, London
GOAT MANURE—600 tons, Pilgrim Trust Co, Bestum, Adicora
FISH LIVERS—1 cs, Dench & Hardy, Saint John, Yarmouth, N S
1 cs, Russo & Sons, Saint John, Yarmouth, N S
2 cs, 19 lbs, Dench & Hardy, Saint John, Yarmouth, N S
LIVERS, SWORDFISH—1 bl, L C Hewson, O K Service IV, La Have, N S
14 tins, 340 lbs, L C Hewson, O K Service IV, La Have, N S
1 tin, L C Hewson, O K Service II, La Have, N S
GLUE, MARINE PITCH—16 dms, L W Ferdinand & Co, American Trader, London
GLUESTOCK, FISH—1 bbl, J R Poole, Yarmouth, Yarmouth
30 bxs, J. R. Poole, St John, Yarmouth
3 bbls, R H Ranagan, Evangeline, Yarmouth
5 bxs, 3 bbls, J R Poole, Evangeline, Yarmouth
GUM, ARABIC—100 bgs, 22,487 lbs, Robert E Miller, Hermion, Port Sudan
150 bgs, 33,730 lbs, Borden & Remington Co, Hermion, Port Sudan
250 bgs, 56,217 lbs, Hermion, Port Sudan
200 bgs, American Trader, London
GYPSUM—5,300 tons, U S Gypsum Co, Gypsum Prince, Windsor, N S
INSECTICIDE—7 cs, American Express Co, American Trader, London
MICA SPLITTINGS—70 cs, City of Lyons, Calcutta
MILK POWDER—440 bgs, Binnendijk, Rotterdam
MOLASSES—10 pnchns, Rowlings, Ltd, Lady Nelson, Barbados
1,412,395 gls, Commercial Molasses Corp, Comol Rico, Caibarien
MUSTARD SEED—150 bgs, Stickney & Poor Spice Co, Binnendijk, Rotterdam
NUTMEGS—34 bgs, 4,572 lbs, Troilus, Padang
OIL, COCONUT—739 tons, Philippine Refining Corp, Silveryew, Cebu
243 tons, Philippine Refining Corp, Silveryew, Cebu
FUEL—62,000 bbls, 2,604,000 gls, Colonial Beacon Oil Co, Petter II, Aruba
LIME—12 cs, Lady Nelson, Dominica
RAPESEED—6 bbls, Binnendijk, Rotterdam
PEATMOSS—585 bls, Ernst Bremermann & Co, Binnendijk, Rotterdam
1,250 bls, Premier Peat Moss Corp, Binnendijk, Rotterdam
700 bls, Halfmoon Mfg & Trading Corp, Binnendijk, Rotterdam
PEPPER, BLACK—258 bgs, Catz American Co, Silveryew, Batavia
450 bgs, Silveryew, Oosthaven
WHITE—86 bgs, 11,938 lbs, Troilus, Batavia
SHELLAC, SEEDLAC—800 bgs, 5 bls, Philadelphia National Bank, City of Lyons, Calcutta
SOAP—60 cs, T D Downing Co, American Trader, London
TOILET—19 cs, American Express Co, American Trader, London
40 cs, S S Pierce Co, American Trader, London
SPONGES—8 cs, American Trader, London
STARCH, POTATO—250 bgs, Binnendijk, Rotterdam
TAPIOCA FLOUR—1,952 bgs, 227,111 lbs, National City Bank, Troilus, Sourabaya
498 bgs, 109,925 lbs, Troilus, Cheribon
TOILET PREPS—2 cs, American Express Co, American Trader, London
30 cs, R H Stearns Co, American Trader, London

Corpus Christi Imports

GASOLENE—50,205 bbls, Amsco, Port Isabel
OIL, FUEL—45,952 bbls, Henry M Dawes, Smiths Bluff

Houston Imports

CHARCOAL, ANIMAL, SPENT—1,120 bgs, Edam, Antwerp
CHEMICALS—36 csks, Edam, Rotterdam
ISO-OCTANE—10,000 bbls, Elwood, Los Angeles
NARCOTICS—23 bbls, Edam, Rotterdam
PAINT—1 cs, Edam, Rotterdam
PETROLEUM, CRUDE—78,833 bbls, Myriam, Tuxpam
34,552 bbls, Aztec, Tuxpam
91,248 bbls, Pericles, Tuxpam
1,500 bbls, Vigilant, Gdynia

Los Angeles Imports

BONE MEAL—500 bgs, 51,520 lbs, Hokuroku, Tientsin
CHILLIES—5,000 lbs, Kiyokawa, Kobe
COCONUTS—100 bgs, 14,000 lbs, San Vincenti, Colon
COPRA, MEAL—8,000 bgs, 800,000 lbs, Silvermaple, Manila
FISH LIVERS—150 tins, 6,000 lbs, Naruto, Kobe
750 tins, 30,000 lbs, Naruto, Yokohama
GUM, DAMMAR—4,480 lbs, Silvermaple, Singapore
HEMPSEED, MEAL—500 bgs, 50,000 lbs, Taiyo, Osaka
MEDICINAL PREPS—30 lbs, Taiyo, Kobe
30 lbs, President Coolidge, Hongkong
OIL, SPERM—300 dms, 118,300 lbs, Benj Franklin, Oslo
PEATMOSS—1,000 pkgs, 100,800 lbs, Benj Franklin, Malmo
PERFUMERY—10 lbs, San Antonio, Paris
SEAWEEDS—60 lbs, Taiyo, Yokohama
SHELLAC—180 pkgs, 29,520 lbs, Silvermaple, Calcutta
SEEDLAC—70 bgs, 11,480 lbs, Silvermaple, Calcutta
SOAP, TOILET—5 lbs, from London
SULPHUR FLOWER, MEDICATED—200 lbs, Taiyo, Kobe
TANKAGE—672 bgs, 67,200 lbs, Hauraki, Auckland
560 bgs, 56,000 lbs, Hauraki, Wellington
TOILET PREPS—60 lbs, Taiyo, Kobe
UMBER, GR—95 cks, 30,920 lbs, Pacific Pioneer, Sheffield

New Orleans Imports

BAUXITE ORE—2,280 tons, Aluminum Ore Co, Vestvangen, Paramaribo
484 tons, Aluminum Ore Co, Vestvangen, Port of Spain
2,455 tons, Aluminum Ore Co, Torungen, Paramaribo
423 tons, Aluminum Ore Co, Torungen, Port of Spain
COCONUTS—600 sx, J Manton, Cadmus, Kingston
250 sx, Hard & Rand, Cadmus, Kingston
160 sx, W R Grace & Co, Cefalu, Cristobal
TAPIOCA FLOUR—860 sx, A Minnis, Vestvangen, Ciudad Trujillo

Norfolk Imports

BONE MEAL—1,120 bgs, 50 tons, Ashcraft-Wilkinson Co, Atlanta, Ga, Black Hawk, Antwerp
CHINA CLAY—556 tons, 3 cwt, English China Clay Sales Corp, Gudvor, Fowey
521 tons, 19 cwt, Moore & Munger, Plainfield, N J, Gudvor, Fowey
4,080 bgs, 258 tons, English China Clay Sales Corp, Gudvor, Fowey
CLAY, BALL—50 tons, English China Clay Sales Corp, Gudvor, Fowey
280 tons, Moore & Munger, Plainfield, N J, Gudvor, Fowey
GLASS, WINDOW—105 cs, 1 ton, State Planters Bank & Trust Co, Richmond, Va, Black Hawk, Antwerp (For Newport News, Va)
MANGANESE, ORE—9,500 tons, E J Lavino & Co, Philadelphia, Pa, Yearby, Takoradi
MILK POWDER, SKIMMED—400 bgs, 18,540 lbs, H K Clofine, Philadelphia, Black Hawk, Rotterdam
PEATMOSS—300 bls, 21,000 lbs, Ernst Bremermann & Co, N Y, Black Hawk, Rotterdam
UREA—400 bgs, 18,403 lbs, Synthetic Nitrogen Products Corp, N Y, Black Hawk, Rotterdam

Philadelphia Imports

ACID, CRESYLIC—340 dms, John H Faunce, Manchester Exporter, Manchester
AMMONIA ALDEHYDE—7 cs, E I du Pont de Nemours Co, Manchester Exporter, Manchester
ANTIMONY REGULUS—100 cks, Gitlan & Co, Black Gull, Antwerp
BLUE—88 bgs, R T French Co, Manchester Exporter, Manchester
BONES—163 bgs, Scanmail, Buenos Aires
BRISTLES—6 cs, Skjelbred, Kobe
CANARY SEED—250 bgs, Balfour, Guthrie & Co, Black Gull, Rotterdam
CARDAMOM SEED—6 cs, Iriona, Puerto Barrios
CASEIN—230 bgs, A Hirst & Co, Scanmail, Buenos Aires
CHEMICALS—111 cks, Chemical Marketing Co, Black Gull, Rotterdam
30 cks, Davies-Turner Co, Black Gull, Rotterdam
COCOA BEANS—3,926 bgs, W & A Leaman Co, Black Gull, Rotterdam
13,500 bgs, Fredhem, Bahia
3,000 bgs, Bankers Trust Co, Fredhem, Ilheos
4,000 bgs, Guaranty Trust Co, Fredhem, Ilheos
26,000 bgs, Fredhem, Ilheos
2,000 bgs, National City Bank, Fredhem, Ilheos
10,500 bgs, Barbacena, Bahia
3,000 bgs, W R Grace & Co, Barbacena, Bahia
COCONUTS—50 bgs, Emed Trading Co, Barbara, Mayaguez
160 bgs, Edward Freeman Co, Barbara, Mayaguez
50 bgs, Edward Freeman Co, Barbara, San Juan
COCONUT, DESIC—135 cs, Balfour, Guthrie & Co, Asakasan, Manila
COLORS—320 bgs, R T French Co, Black Gull, Antwerp
DYESTUFFS — 10 pkgs, E I du Pont de Nemours & Co, Black Gull, Antwerp
FLAXSEED—2,540,000 kilos, L Dreyfus & Co, Montevideo, Buenos Aires
FLINT STONES—1,950 kilos, Buehendorf Bros, Black Gull, Antwerp
FLUORSPAR—1,000 tons, E I du Pont de Nemours Co, Idraet, St Lawrence
MAGNESIA CARBONATE—15 cs, Schofield-Donald Co, Manchester Exporter, Manchester
MENTHOL—20 cs, Mitsui & Co, Asakasan, Kobe
MOLASSES—1,320,640 gls, Cassimir, Nuevitas
1,420,610 gls, Ruth Kellogg, Cardenas
615,014 gls, North American Trading & Import Co, Comol Cuba, Sagua
832,032 gls, North American Trading & Import Co, Comol Cuba, Havana
MYROBALANS—1,000 pkts, Guaranty Trust Co, Mathura, Calcutta
OIL, LUBRICATING — 95 dms, Black Gull, Antwerp
65 dms, Purfinol Co, Black Gull, Antwerp
NEATSFOOT—55 cks, Montevideo, Buenos Aires
OLIVE—25 cs, Giulia, Genoa
75 cs, Giulia, Seville
OSSEIN—1,117 bgs, Black Gull, Antwerp
PEATMOSS—300 bls, Marine Midland Trust Co, Black Gull, Rotterdam
700 bls, Black Gull, Rotterdam
PETROLEUM, CRUDE—112,230 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
107,035 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
93,236 bbls, Atlantic Refining Co, Brunswick, Las Piedras
PIMENTO—29 bgs, W E Martin, Iriona, Puerto Barrios
QUEBRACHO EXTRACT—1,347 bls, Tannin, Corp, Scanmail, Buenos Aires
RICE STARCH, POWD—50 bbls, Davies Turner Co, Black Gull, Antwerp
SARSAPARILLA ROOT—1 bl, W E Martin, Iriona, Puerto Barrios
SHELLAC—950 bgs, Grace National Bank, Mathura, Calcutta
700 bgs, Bank of London & South America, Ltd, Scanstates, Calcutta
SODA SILICOFLUORIDE—250 bgs, Sterling Supply Co, Scanstates, Copenhagen
TANKAGE—1,669 cakes, Montevideo, Buenos Aires
2,000 bgs, Montevideo, Santos
907 bgs, Armour & Co, Montevideo, Santos
2,032 bgs, National City Bank, Montevideo, Montevideo

Portland, Ore., Imports

BONE MEAL—1,120 sks, Loch Avon, Rotterdam
CHEMICALS—30 dms, Wilson & George Meyer & Co, Portland, Antwerp
IRON OXIDE—20 bbls, Loch Avon, Rotterdam
PEANUTS, SHELLED—200 sks, Mitsui & Co, Silveray, Manila
PEPPER, BLACK—100 sks, Djambi, Oosthaven
SODA CHLORATE—1,000 dms, Balboa, Gothenburg
TANKAGE—500 sks, Leikanger, Buenos Aires
305 sks, Leikanger, Santos
WHITING, BOLTED—690 sks, 15 bbls, Canada, Copenhagen

San Francisco Imports

ACID, FATTY—800 sks, Mitsubishi Shoji Kaisha, Kiyokawa, Kobe
AGAR AGAR—5 cs, S Ishimitsu Co, Kiyokawa, Kobe
ASPHALT—70 dms, Elias G Kulukundis, Antwerp (for Oakland)

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BONE ASH, CALC—100 sks, Braun-Knecht-Heimann Co, Loch Katrine, London
PHOSPHATE—780 sks, Elias G Kulukundis, Antwerp
BONES—257 sks, West Nilus, Santos
105 sks, West Nilus, Rio de Janeiro
CANARY SEED—253 sks, West Nilus, Buenos Aires
CARAWAY SEED—100 sks, Loch Katrine, Rotterdam
CASSIA—150 bls, S L Jones & Co, Corneville, Hongkong
100 bls, D Hecht Co, Corneville, Hongkong
50 bls, S H Tyler & Son, Corneville, Hongkong
100 bls, Corneville, Hongkong
CHALK—500 sks, Elias G Kulukundis, Antwerp
CLOVES—62 sks, B C Ireland, Manoeran, Amboina
COCOA BEANS—575 sks, West Nilus, Para
50 sks, West Nilus, Limon
70 sks, P J Frawley, Capac, Corinto
COPRA—400 tons, Corneville, Manila (for Oakland)
50 tons, Durkee Famous Foods, Corneville, Cebu (for Oakland)
MEAL—7,200 sks, Taylor Milling Co, Corneville, Manila (for Oakland)
DYE, HAIR—1 cs, Daimaru Co, Taiyo, Yokohama
FILTER PAPER—8 pkge, S Ishimitsu Co, Kiyokawa, Kobe
GLASS, FROSTED—1 cs, Elias G Kulukundis, Antwerp
PLATE—2 cs, Bank of Montreal, Elias G Kulukundis, Antwerp
WINDOW—2,363 cs, Elias G Kulukundis, Antwerp
41 cs, Pacific National Bank, Elias G Kulukundis, Antwerp
GUM COPAL—10 cs, Manoeran, Macassar
403 bskts, Henry W Peabody & Co, Manoeran, Macassar
125 bskts, D Hecht & Co, Manoeran, Macassar
455 bskts, Manoeran, Macassar (for Oakland)
138 bskts, D Hecht & Co, Manoeran, Macassar (for Oakland)
114 bskts, Henry W Peabody & Co, Manoeran, Tominbay
HERBS, MEDICINAL—3 cs, North American Mercantile Co, Tsiyo, Yokohama
ISINGLASS—10 cs, S Ishimitsu Co, Taiyo, Kob
LIVERMEAL—672 sks, W J Horstmann, Hauraki, Lyttelton
MACE—14 cs, Henry W Peabody & Co, Manoeran, Macassar
14 cs, Manoeran, Macassar
MATE—18 kegs, West Nilus, Santos
MEDICINAL PREPS—1 cs, Pacific Trading Co, Kiyokawa, Kobe
3 cs, Pacific Trading Co, Taiyo, Kobe
1 cs, Daimaru Co, Taiyo, Yokohama
NUTMEGS—20 sks, West Nilus, Port of Spain
40 cs, B C Ireland, Manoeran, Macassar
OIL, COCONUT—500 tons, Philippine Refining Corp of N Y, Silvermaple, Manila
LUBRICATING—1 cs, Shell Development Co, Loch Katrine, Rotterdam
OITICICA—1,050 dms, West Nilus, Fortaleza
PARAFFIN—480 sks, Shell Oil Co, Manoeran, Balikpapan
2,000 sks, Shell Oil Co, Manoeran, Balikpapan (for Oakland)
PEANUT MEAL—2,000 sks, Mitsubishi Shoji Kaisha, Taiyo, Tsingtao
PEATMOSS—100 bls, Bank of California, Loch Katrine, Rotterdam
200 bls, Loch Katrine, Rotterdam
300 bls, Loch Katrine, Rotterdam (for Oakland)
PEPPER, BLACK—100 sks, H M Newhall & Co, Corneville, Oosthaven
PERFUMERY—1 cs, Daimaru Co, Yokohama
POLISH, BOOT—2 cs, Hoyt, Shepston & Sciaroni, Loch Katrine, London
POPPYSEED—50 sks, Loch Katrine, Rotterdam
POTASH SALT—10 kegs, Bauer Schweitzer Hop & Malt Co, Loch Katrine, London
QUEBRACHO EXTRACT—404 sks, West Nilus, Buenos Aires
SOAP—100 cs, Loch Katrine, Rotterdam
SADDLE—75 cs, Hoyt, Shepston & Sciaroni, Loch Katrine, London
SODA NITRATE—226,800 kilos and 3,136 sks, Chilean Nitrate Sales Corp, Capac, Tocopilla (for Oakland)
TALLOW—150 dms, Willits & Co, Hauraki, Lyttelton
75 dms, Otis, McAllister & Co, Kingsley, Vancouver
TANKAGE—1,232 sks, Hauraki, Auckland
1,120 sks, Anglo-California National Bank, Hauraki, Wellington
1,120 sks, Willits & Co, Hauraki, Lyttelton
500 sks, Anglo-California National Bank, Hauraki, Dunedin
600 sks, Goomawarra, Rockhamptson
TAPIOCA, FLOUR—357 sks, American Trust Co, Manoeran, Batavia
28 sks, American Trust Co, Manoeran, Sourabaya
103 sks, American Trust Co, Manoeran, Tjilatjap
SEED—301 sks, American Trust Co, Manoeran, Sourabaya (for Oakland)
TARTAR, DRY—119 sks, Loch Katrine, London
TOILET PREPS—2 cs, Pacific Trading Co, Kiyokawa, Kobe
1 cs, Pacific Trading Co, Taiyo, Kobe
2 cs, North American Mercantile Co, Taiyo, Yokohama
1 cs, American Express Co, Loch Katrine, London
VANILLA BEANS—15 cs, Bank of California, N A, Hauraki, Papeete
WAX, CARNAUBA—47 sks, West Nilus, Fortaleza

Savannah Imports

TAPIOCA FLOUR—1,640 bgs, Siantar, Batavia
250 bgs, Siantar, Sourabaya

Seattle Imports

BLUE VITRIOL—88 bbls, Canadian Industries, Portland, Antwerp
CHEMICALS—30 dms, Wilson & George Meyer & Co, Portland, Antwerp
MACE—16 cs, Djambi, Padang
PEPPER, BLACK—525 sks, Djambi, Oosthaven
PYRETHRUM FLOWERS—125 bls, Norfolk, Kobe
WHITING, GROUND—300 sks, Agner & Frederickson, Balboa, Gothenburg

Tacoma Imports

CHEMICALS — 2,000 sks, Industrial Sales Corpn, Portland, Antwerp
OIL, COCONUT—210 tons, Silveray, Manila

Tampa Imports

POTASH, NITRATE—1,340 tons, Ferncliff, Iquique

Exports from U.S. Ports

New York Exports

Clearance Dates

Ada, August 11; Anniston City, August 5; Asturi, August 25; Atlantida, August 25; Ayuruoca, August 31; Birmania, August 18; Black Eagle, September 2; Black Osprey, August 25; Carinthia, September 2; City of Bath, August 26; City of Rayville, August 5; City of Winchester, August 23; Clan Ranald, August 26; Coamo, August 10; Danio, August 30; De Grasse, August 28; Excello, August 31; Exochorda, August 4; Ferniane, August 25; Fort Amherst, August 26; Fort Townshend, September 1; Havana, August 24; Hjelmaren, August 4; Ile de France, August 23; Ingria, August 24; Knoxville City, September 2; Kuznetz Lesov, August 21; Kyusyu, September 1; Laconia, August 25; Leif, August 31; Macabi, August 26; Manhattan, August 22; Mauretania, August 23; Mathilda Thorden, August 31; Mayari, September 8; Mexico, August 31; Naku, August 25; Oriente, September 1; Pastores, September 2; President Harding, August 30; Rex, August 11; Santos, August 25; Santa Paula, August 25; Samaria, September 8; Santa Barbara, September 1; Santa Elena, August 31; Silversandal, August 23; Steel Age, August 25; Steel Scientist, August 31; Svaneholm, August 18; Tela, August 30; Transylvania, August 29; Volendam, August 26; Yamagiri, August 30

ACETONE—(Black Eagle) 12,390 lbs, Antwerp; 19,824 lbs, Rotterdam
ACETYLENE—10,385 lbs, Bestik, Caripito
ACID, ACETIC, GLACIAL—18,080 lbs, Havana, Vera Cruz
CITRIC—374 lbs, Atlantida, Santiago
CRESYLIC—160 lbs, Carinthia, London
MURIATIC — 15,820 lbs, Santa Barbara, Guayaquil; 25,760 lbs, Pastores, Tela
OXALIC—1,130 lbs, Anniston City, Honolulu
TARTARIC — 652 lbs, Pastores, Guatemala City
ALUMINA SULPHATE — 5,160 lbs, Oriente, Havana
AMMONIA, HYDROXIDE—22,515 lbs, Santa Barbara, Guayaquil
ASPHALT — (Svaneholm) 2,194 lbs, Gothenburg; 4,448 lbs, Stockholm; (City of Bath) 17,921 lbs, Bombay; 60,186 lbs, Calcutta; 18,065 lbs, Fort Townshend, St Johns; 41,408 lbs, Ayuruoca, Porto Alegre
LIQUID—4,621 lbs, Steel Age, Bombay; 5,134 lbs, Ingria, Lobito; 11,275 lbs, President Harding, Southampton; 66,649 lbs, Transylvania, Glasgow; 47,967 lbs, Black Eagle, Antwerp
SOLID—48,605 lbs, Laconia, Liverpool; 49,150 lbs, Samaria, Liverpool
BENZOL—20,625 gls, Santos, Montevideo; 3,235 tons, Mexico, England
BLEACHING POWDER—1,506 lbs, Oriente, Havana
BLUE, LAUNDRY—6,060 lbs, Santa Elena, Barranquilla
ULTRAMARINE—974 lbs, Atlantida, Kingston
BUTYL ACETATE—1,130 lbs, City of Winchester, Lyttelton; 7,956 lbs, Black Eagle, Antwerp
CARBON BISULPHIDE—1,140 lbs, Ingrid, Port Spain
CHEMICALS—11,981 lbs, Naku, Mukden; 1,516 lbs, Black Osprey, Rotterdam; 6,086 lbs, President Harding, Havre; 1,146 lbs, Coamo, San Juan; 2,197 lbs, Black Eagle, Antwerp
CLAY—20,000 lbs, Carinthia, London; 8,320 lbs, Veragua, Port Limon
CLEANER—12,000 lbs, Clan Ranald, Durban
COALTAR INTERMEDIATES—2,356 lbs, Excello, Athens; 970 lbs, Black Eagle, Antwerp
COBALT OXIDE—702 lbs, Naku, Yokohama
COCOA CAKE—50,384 lbs, Bilderdijk, Amsterdam
COLOR, DRY—1,406 lbs, City of Rayville, Calcutta; 38,660 lbs, Knoxville City, Manila
CORN FLOUR—508 lbs, City of Rayville, Bombay; 62,040 lbs, Knoxville City, Cebu
SUGAR—10,150 lbs, Volendam, Antwerp; 20,300 lbs, Jean Jadot, Antwerp; 24,360 lbs, Black Eagle, Rotterdam
SYRUP—76,206 lbs, City of Bath, Calcutta; (Anniston City) 13,790 lbs, Honolulu; 7,195 lbs, Hilo; 48,750 lbs, City of Winchester, Lyttelton; 2,316 lbs, Pastores, Porto Barrios; 1,204 lbs, Knoxville City, Manila
CYANAMID—204,000 lbs, Macabi, Queros
DEXTRIN, CORN—(City of Rayville) 7,100 lbs, Karachi; 14,200 lbs, Bombay; (City of Winchester) 3,384 lbs, Dunedin; 21,300 lbs, Auckland; 14,200 lbs, City of Bath, Calcutta
DICHLORODIFLUOROMETHANE — 2,262 lbs. Exochorda, Alexandria; 2,791 lbs, President Harding, Havre
DYES—4,520 lbs, Steel Age, Aden; 4,486 lbs, Silversandal, Manila; 1,546 lbs, Manhattan, Tallinn; (Black Osprey) 5,252 lbs, Antwerp; 746 lbs, Rotterdam; 14,428 lbs, Volendam, Antwerp
ANILIN—1,584 lbs, Manhattan, Riga
ETHYYLENE DICHLORIDE—164,284 lbs, Kyusyu, Yokohama
ETHYLENEGLYCOL — 8,250 lbs, President Harding, Havre; 5,500 lbs, Black Eagle, Antwerp
FERRITES—13,680 lbs, Santos, Montevideo
FERROTUNGSTEN—91,770 lbs, Naku, Yokohama
FERTILIZER—11,306 lbs, Steel Age, Madras; (City of Rayville) 29,911 lbs, Bombay; 264,238 lbs, Madras
FIRECLAY—30,835 lbs, Black Eagle, Antwerp
FLOTATION REAGENT — 2,580 lbs, Black Eagle, Antwerp
GASOLINE—1,500 gls, Leif, Sanchez; 5,000 gls, Ayuruoca, Santos
GELATIN—457 lbs, Mauretania, London
GLUCOSE—(Steel Age) 18,750 lbs, Madras; 22,515 lbs, Navlakki; 38,266 lbs, Veragua, Havana
SOLID—27,405 lbs, City of Rayville, Bombay; (City of Winchester) 93,342 lbs, Wellington; 3,384 lbs, Dunedin; 9,024 lbs, Clan Randal, Capetown
GLUE, VEG—1,010 lbs, Pastores, Porto Cortes
GREASE, LUBRIC—(Steel Age) 30,166 lbs, Bombay; 19,224 lbs, Calcutta; 26,106 lbs, Karachi; 14,118 lbs, Madras; 5,226 lbs, Bombay-Calcutta; (City of Rayville) 2,462 lbs, Karachi; 1,788 lbs, Bombay; 44,551 lbs, Manhattan, Havre; 134,454 lbs, Laconia, Liverpool; 492,478 lbs, Naku, Yokohama; 348 lbs, Black Osprey, Rotterdam; (Exochorda) 4,485 lbs, Marseilles; 6,896 lbs, Alexandria; 896 lbs, Jaffa; 8,969 lbs, Tel Aviv; 5,284 lbs, Beirut; (Hjelmaren) 7,655 lbs, Gothenburg; 2,438 lbs, Stockholm; 9,198 lbs, Santos, Montevideo; 5,448 lbs, Ferniane, Beirut; (Ingria) 3,252 lbs, Leixoes; 9,979 lbs, Marseilles; (City of Winchester) 20,884 lbs, Wellington; 2,526 lbs, Lyttelton; 1,862 lbs, Dunedin, 18,104 lbs, Havana, Vera Cruz; 1,508 lbs, Astri, Santos; 139,756 lbs, Mauretania, London; 4,137 lbs, President Harding, Havre; 3,668 lbs, Yamagiri, Pernambuco; 14,628 lbs, Transylvania, Glasgow; 28,785 lbs, Volendam, Antwerp; 449 lbs, Svaneholm, Stockholm; 3,126 lbs, Santa Paula, Barranquilla; (Clan Ranald) 9,612 lbs, Capetown; 6,040 lbs, East London; 46,275 lbs, Lourenco Marques; (City of Bath) 6,224 lbs, Madras; 167,676 lbs, Calcutta; 1,725 lbs, Excello, Piraeus; (Ingrid) 3,292 lbs, Barbados; 12,369 lbs, Port Spain; 22,940 lbs, Bestik, Caripito; 4,462 lbs, Knoxville City, Saigon; 889 lbs, Black Eagle, Antwerp; (Kyusyu) 26,880 lbs, Yokohama; 17,600 lbs, Kobe; 126,023 lbs, Samaria, Liverpool; 10,142 lbs, Santa Elena, Barranquilla
GUM, TRAGACANTH—4,578 lbs, Manhattan, Hamburg
HEMLOCK EXTRACT—34,208 lbs, Carinthia, London
INSECTICIDE, AGRIC—2,230 lbs, City of Rayville, Bombay
HOUSEHOLD—(Steel Age) 17,880 lbs, Bombay; 10,812 lbs, Calcutta; 5,520 lbs, Karachi; (City of Rayville) 2,040 lbs, Karachi; 3,670 lbs, Madras; 3,707 lbs, Colombo
IRON OXIDE—1,230 lbs, Svaneholm, Gothenburg
KEROSENE—5,000 gls, Santa Elena, Cape Haitien
LACQUER—3,100 lbs, City of Rayville, Mombasa; (Mathilda Thorden) 2,461 lbs, Stockholm; 1,848 lbs, Helsingfors; 48,260 lbs, Clan Ranald, Port Elizabeth
THINNER—2,750 gls, City of Rayville, Mombasa; 550 gls, Ingria, Lisbon; 2,750 gls, Clan Ranald, Port Elizabeth
LARD—103,438 lbs, Laconia, Liverpool; (Black Osprey) 32,618 lbs, Antwerp; 12,400 lbs, Rotterdam; 12,380 lbs, Hjelmaren, Gothenburg; 11,000 lbs, Coamo, San Juan; 31,000 lbs, Mauretania, London; 34,534 lbs, President Harding, Southampton; 3,900 lbs, Transylvania, Glasgow; 17,480 lbs, Volendam, Antwerp; 49,600 lbs, Bilderdijk, Rotterdam; 12,600 lbs, Svaneholm, Stockholm; (Santa Rosa) 32,000 lbs, Maracaibo; 42,000 lbs, La Guaira; 42,500 lbs, Mayari, Banes; 124,250 lbs, Carinthia, London; (Santa Elena) 25,000 lbs, Maracaibo; 68,000 lbs, La Guaira
LEAD, RED—1,060 lbs, Mayari, Banes
WHITE, SUBLIMED—5,900 lbs, Hjelmaren, Gothenburg
LINSEED CAKE—1,719,972 lbs, Black Osprey, Rotterdam; 2,435,779 lbs, Jean Jadot, Antwerp; (Mathilda Thorden) 1,568,412 lbs, Aalesund; 1,127,127 lbs, Norresundby; 462,480 lbs, Bilderdijk, Rotterdam
MICA—13,398 lbs, Hjelmaren, Stockholm
MOLYBDENUM, CONC—763,193 lbs, Kuznetz Lesov, Leningrad; 57,960 lbs, Black Eagle, Rotterdam
MONOETHANOLAMINE — 6,144 lbs, Black Eagle, Rotterdam
NAPHTHA—(Ingria) 5,500 gls, Leixoes; 30,250 gls, Lisbon
OIL, CASTOR—1,375 lbs, Silversandal, Manila; 6,012 lbs, Anniston City, Manila; 475 lbs, Mauretania, London
COALTAR—4,906 lbs, Danio, Bilbao
COOKING—4,680 lbs, Steel Scientist, Ras Tanura
FISH—1,295 lbs, Jean Jadot, Antwerp
LUBRICATING—(Steel Age) 10,175 gls, Bombay; 4,455 gls, Calcutta; 3,575 gls, Karachi; 1,100 gls, Bombay-Calcutta; (City of Rayville) 10,450 gls, Bombay; 81,125 gls, Calcutta; 550 gls, Karachi; 495 gls, Rangoon; (Manhattan) 2,980 gls, Havre; 3,780 gls, Dunkirk; 2,940 gls, Hamburg; 9,050 gls, Laconia, Liverpool; (Naku) 134,695 gls, Yokohama; 1,100 gls, Tsingtao; 84,335 gls, Moji; 207,075 gls, Kobe; (Black Osprey) 1,100 gls, Antwerp; 17,910 gls, Rotterdam; (Rex) 10,466 gls, Genoa; 1,705 gls, Naples; (Exochorda) 3,025 gls, Marseilles; 550 gls, Haifa; 1,865 gls, Beirut; (Hjelmaren) 1,430 gls, Malmo; 6,750 gls, Stockholm; 31,956 gls, Santos, Montevideo; (Ferniane) 4,680 gls, Lisbon; 7,150 gls, Haifa; (Ingria) 5,006 gls, Leixoes; 6,300 gls, Lisbon; 1,975 gls, Casablanca; 440 gls, Gibraltar; 8,904 gls, Marseilles; (City of Winchester) 35,420 gls, Auckland; 89,130 gls, Wellington; 11,990 gls, Lyttelton; 6,565 gls, Dunedin; 34,815 gls, Havana, Vera Cruz; 1,218 gls, Ada, Fort France; 17,750 gls, Astri, Santos; (Jean Jadot) 3,850 gls, Antwerp; 1,430 gls. Bilbao; 6,370 gls, Mauretania, London; (President Harding) 6,090 gls, Havre; 3,780 gls, Hamburg; 1,750 gls, Yamagiri, Pernambuco; 1,100 gls, Mathilda Thorden, Stockholm; (De Grasse) 25,158 gls, Havre; 1,485 gls, Dunkirk; 7,776 gls, Bordeaux; 13,986 gls, Transylvania, Glasgow; 5,323 gls, Volendam, Antwerp; (Bilderdijk) 11,660 gls, Rotterdam; 1,540 gls, Amsterdam; (Svaneholm) 210 gls, Gothenburg; 5,995 gls, Stockholm; (Santa Paula) 9,075 gls, Porto Cabello; 5,665 gls, La Guaira; 6,930 gls, Fort Amherst, St Johns; (Clan Ranald) 370 gls, Port Elizabeth; 2,750 gls, Durban; 4,190 gls, Lourenco Marques; 330 gls, Beira; 20,075 gls, Carinthia, London; 9,900 gls, Oriente, Havana; (Ayuruoca) 660 gls, Paranagua; 17,875 gls, Rio de Janeiro; 2,770 gls, Fort Townshend, Halifax; (Excello) 4,950 gls, Piraeus; 5,500 gls, Istanbul; (Ingrid) 1,950 gls, Demerara; 3,080 gls, Paramaribo; (Bestik) 40,370 gls, Caripito; 2,750 gls, Guiria; 23,500 gls, Knoxville City, Saigon; 3,190 gls, Veragua, Havana; (Black Eagle) 3,850 gls, Antwerp; 7,150 gls, Rotterdam; (Kyusyu) 33,920 gls, Yokohama; 15,400 gls, Osaka; 2,750 gls, Moji; 23,100 gls, Kobe; (Samaria) 1,375 gls, Liverpool; 420 gls, Birkenhead; (Steel Scientist) 1,650 gls, Bahrein; 2,475 gls, Alexandria; (Santa Barbara) 3,190 gls, Pieco; 2,970 gls, Buenaventura; 3,850 gls, Mollendo; 3,850 gls, Antofagsta; 5,940 gls, Coquimbo; 49,830 gls, Valparaiso; (Santa Elena) 2,750 gls, La Vela; 3,410 gls, Porto Cabello; 11,225 gls, Maracaibo; 1,600 gls, Barranquilla; (City of Bath) 550 gls, Suez; 2,750 gls, Karachi; 1,470 gls, Bombay; 16,320 gls, Madras; 24,290 gls, Calcutta
OITICICA—12,208 lbs, Mathilda Thorden, Gothenburg
OLEO—4,722 lbs, Laconia, Liverpool; (Black Osprey) 14,245 lbs, Antwerp; 11,942 lbs, Rotterdam; (Hjelmaren) 23,701 lbs, Gothenburg; 23,684 lbs, Malmo; 23,960 lbs, Volendam, Antwerp; 47,254 lbs, Bilderdijk, Rotterdam; 47,437 lbs, Black Eagle, Antwerp
ORANGE—4,342 lbs, Ingria, Marseilles
PINE—4,827 lbs, Manhattan, Havre; 4,400 lbs, Excello, Constanza
TRANSFORMER—825 gls, Havana, Vera Cruz
VEGETABLE—4,894 lbs, Veragua, Havana
PAINT—19,880 lbs, Silversandal, Manila; (Hjelmaren) 27,919 lbs, Stockholm; 13,900 lbs, Helsingfors; 3,532 lbs, Borinquen, San Juan; (Mathilda Thorden) 1,298 lbs, Gothenburg; 10,008 lbs, Stockholm; 10,189 lbs, Helsingfors; 11,089 lbs, Zacapa, Porto Barrios; 9,895 lbs, Black Eagle, Antwerp
THINNER—550 gls, Clan Ranald, Durban; 360 gls, Excello, Istanbul
PARAFFIN—44,519 lbs, Ingria, Casablanca; 382,616 lbs, Havana, Vera Cruz; 5,917 lbs, Astri, Santos; (Mathilda Thorden) 10,763 lbs, Gothenburg; 55,627 lbs, Norrkoping; 10,881 lbs, Stockholm; 18,373 lbs, Helsingfors; 2,400,160 lbs, Danio, Barcelona; 446,600 lbs, Birmania, Naples; (Zacapa) 20,201 lbs, Retalheu; 21,211 lbs, Porto Barrios; 24,524 lbs, Black Eagle, Antwerp; 34,043 lbs, Samaria, Liverpool; 22,671 lbs, Santa Barbara, Guayaquil; 70,292 lbs, Santa Elena, Cartagena
SCALE—1,130 lbs, City of Winchester, Auckland; 6,063 lbs, Black Eagle, Antwerp; 33,680 lbs, City of Bath, Calcutta
PETROLATUM, MED—18,677 lbs, Laconia, Liverpool
PETROLEUM, CRUDE—3,300 gls, Bilderdijk, Delft
REFINED—16,500 gls, Leif, Monte Cristy
PITCH, COALTAR—43,690 lbs, Laconia, Liverpool
RESIN, COALTAR—8,011 lbs, Laconia, Liverpool
SYNTHETIC—3,352 lbs, City of Rayville, Calcutta; 1,141 lbs, Laconia, Liverpool; 7,226 lbs, City of Winchester, Lyttelton; 1,660 lbs, Mauretania, London; 550 lbs, President Harding, Havre; 5,225 lbs, Fort Townshend, St John
SENEGA ROOT—881 lbs, Rex, Genoa
SOAP—95,400 lbs, Silversandal, Manila; 26,500 lbs, Coamo, San Juan; 7,800 lbs, President Harding, Havre
LAUNDRY—60,000 lbs, Silversandal, Manila
TOILET—69,600 lbs, Silversandal, Manila
SODA ASH—139,840 lbs, Oriente, Havana; 11,100 lbs, Zacapa, Porto Barrios; 3,260 lbs, Veragua, Port Limon; 44,100 lbs, Santa Elena, La Guaira
BENZOATE—242 lbs, Atlantida, Santiago
BICARBONATE—16,420 lbs, Oriente, Havana; 2,020 lbs, Veragua, Port Limon; 23,150 lbs, Santa Barbara, Guayaquil; 24,162 lbs, Santa Elena, La Guaira
CAUSTIC—185,050 lbs, Havana, Vera Cruz; (Astri) 71,550 lbs, Santos; 134,116 lbs, Buenos Aires; 775,941 lbs, Ayuruoca, Santos; 22,000 lbs, Oriente, Havana; 22,116 lbs, Santa Barbara, La Libertad
IODIDE—120 lbs, Veragua, Havana
NITRATE — (City of Rayville) 44,800 lbs, Madras; 44,092 lbs, Bombay; 152,250 lbs, G T D, Montreal; 2,266 lbs, Oriente, Havana
SILICATE COMP—10,107 lbs, City of Rayville, Rangoon
STARCH, CORN—22,560 lbs, Steel Age, Alexandria; 750 lbs, Silversandal, Manila; (City of Rayville) 25,713 lbs, Karachi; 7,417 lbs, Bombay; 158 lbs, Madras; 292 lbs, Calcutta; 282,000 lbs, Exochorda, Alexandria; 15,792 lbs, Hjelmaren, Stockholm; (Anniston City) 10,120 lbs, Honolulu; 26,367 lbs, Hilo; 1,202 lbs, Knoxville City, Manila; 36,096 lbs, Steel Scientist, Alexandria; 35,250 lbs, City of Bath, Madras
SULPHUR—5,139 lbs, Ayuruoca, Santos
TALC—276,000 lbs, Samaria, Liverpool
TANNING EXTRACT—25,121 lbs, City of Rayville, Madras; 1,218 lbs, Jean Jadot, Antwerp; 36,122 lbs, G T D, Montreal
TREE WASH—(Clan Ranald) 26,480 lbs, Lourenco Marques; 15,000 lbs, Capetown
TURPENTINE—2,500 gls, Santos, Montevideo; (City of Winchester) 550 gls, Auckland; 1,900 gls, Wellington; 7,700 gls, Lyttelton; 625 gls, Fort Townshend, St John
VARNISH—2,635 lbs, Hjelmaren, Gothenburg; 956 lbs, Veragua, Port Limon; 1,136 lbs, Pastores, Guatemala City
WITCH HAZEL EXTRACT—4,925 lbs, President Harding, Havre
ZINC OXIDE—10,620 lbs, City of Bath, Calcutta

Baltimore Exports

Clearance Dates

Akagi Maru, September 3; Barbacena, September 9; Beemsterdijk, September 6; Black Hawk, September 2; City of Bagdad, September 8; Exmoor, September 2; Lossiebank, September 2; Mormacsul, September 2; Oriskany, September 5; Quaker City, September 6; San Angelo, September 2; San Clemente, September 9; Tawali, September 3; Vingaren, September 2

ACETONE—297 lbs, San Angelo, Peru
ACID, CHROMIC — 42,200 lbs, Black Hawk, Rotterdam; 22,000 lbs, Vingaren, Gothenburg
ALCOHOL—359 lbs, San Angelo, Peru
AMYL ACETATE—11,116 lbs, Black Hawk, Antwerp
BLACK LAMP—3,000 lbs, San Angelo, Cristobal
CEMENT, ASBESTOS—400 lbs, San Angelo, Balboa
CHROME PASTE, YELLOW—6,000 lbs, San Clemente, Cristobal
COALTAR INTERMEDIATES — 11,000 lbs, Mormacsul, Buenos Aires
COLOR, DRY—2,000 lbs, Lossiebank, Manila
COTTON ROOT BARK—870 lbs, Quaker City, London
FIRECLAY—22,980 lbs, Tawali, Bangkok
GREASE, LUBRICATING—9,802 lbs, Black Hawk, Antwerp; 2,405 lbs, Exmoor, Piraeus; 7,701 lbs, San Angelo, Chile; 10,213 lbs, Beemsterdijk, Rotterdam; 99,200 lbs, City of Bagdad, Basra, Iraq
INK, SHOE—(Mormacsul) 4,417 lbs, Buenos Aires; 756 lbs, Sao Paulo
INSECTICIDE—496 lbs, San Angelo, Ecuador
LIME, QUICK—29,960 lbs, San Clemente, Cristobal
OCHER, YELLOW—10,000 lbs, San Angelo, Cristobal
OIL, LUBRIC—165 gls, Beemsterdijk, Rotterdam
PARAFFIN — (Akagi) 13,846 lbs, Tientsin; 447,383 lbs, Tsingtau; 52,101 lbs, Beemsterdijk, Rotterdam
PHENOL—22,050 lbs, Mormacsul, Santos
POLISH—660 lbs, Beemsterdijk, Rotterdam
PORCELAIN ENAMEL FRIT—5,000 lbs, Vingaren, Stockholm
POTASH, BICHROMATE — 11,023 lbs, Black Hawk, Rotterdam; (Vingaren) 15,973 lbs, Gothenburg; 11,023 lbs, Norrkoeping
SODA, ASH—(Lossiebank) 56,000 lbs, Manila; 114,422 lbs, Hongkong
BICHROMATE — (Black Hawk) 22,046 lbs, Antwerp; 33,069 lbs, Rotterdam; 6,614 lbs, Vingaren, Gothenburg
CAUSTIC—448,158 lbs, Lossiebank, Shanghai; (Tawali) 9,915 lbs, Oosthaven; 13,220 lbs, Siboigg; 19,830 lbs, Menado; 19,830 lbs, Padang; 661,000 lbs, Sourabaya; 99,150 lbs, Cheribon; 26,440 lbs, Makassar; 297,450 lbs, Batavia; 1,085,000 lbs, Barbacena, Santos
NITRATE—25 tons, Tawali, Singapore
SOLVENTS, MIXED—1,436 lbs, San Angelo, Peru
SUPERPHOSPHATE—14,024 lbs, San Angelo, Costa Rica
VARNISH—35 gls, Quaker City, Slough Bucks
WITCH HAZEL LEAVES—1,350 lbs, Quaker City, London

SEP 1939 XUM

Beaumont Exports
Clearance Dates

Albert L Ellsworth, September 3: Britamsea, September 3; Josefina Thordon, September 1

PETROLEUM, CRUDE—69,047 bbls, Josefina Thorden, Manchester; 93,203 bbls, Albert L Ellsworth, Montreal; 95,260 bbls, Britamsea, Montreal

Boston Exports
Clearance Dates

American Importer, September 5; Black Condor, August 31; Blankaholm, August 31; Challenge, September 6; Collamer, September 2; Evangeline, September 2; Franconia, September 3; Gertrude Maersk, September 1; Nova Scotia, September 1; O K Service IV, September 7; President Garfield, September 5; Saint John, September 1; Yarmouth, August 31, September 3-7

ACID, BORIC—100 bgs, 10,000 lbs, Black Condor, Antwerp
ALCOHOL, DEN—12 dms, Nova Scotia, St John's, N F
ALUMINA OXIDE—4,345 bgs, 53 kgs, 494,966 lbs, Collamer, La Courneuve; 2,150 bgs, 7 kgs, 216,650 lbs, Challenge, London
BAKING POWDER—75 bxs, 1 crt, 10 pails, 2,710 lbs, Nova Scotia, St John's, N F
BLUE, LAUNDRY—1 cs, 60 lbs, Yarmouth, Halifax
BORAX — 440 bgs, 44,000 lbs, Blankaholm, Gothenburg
BRISTLES—18 cs, 2,058 lbs, Yarmouth, St John, N B
CEMENT, CAN—43 dms, 7,045 lbs, Challenge, London
CHEMICALS—117 dms, 4,329 lbs, Challenge, London
CLAY—187 bbls, 22 tons, Collamer, La Courneuve; 174 bbls, 17 dms, 23 tons, Challenge, London
CLEANER—75 cs, 863 lbs, Saint John, Halifax, N S; 3 crts, 570 lbs, President Garfield, Honolulu
DRESSING, LEATHER—15 dms, 5,250 lbs, Black Condor, Wiltz; 2 bbls, 840 lbs, Franconia, Liverpool
SHOE—6 bbls, 3,462 lbs, Franconia, Liecester; 10 cs, 830 lbs, President Garfield, Manila
FERTILIZER, LEATHER SCRAP — 389 bls, 301,135 lbs, Collamer, Havre
FLUX—15 dms, 2,025 lbs, Black Condor, Rotterdam; 9 dms, 3,025 lbs, Collamer, Havre; 45 dms, 6,075 lbs, Challenge, London
GLUE—5 cs, 60 lbs, President Garfield, Singapore
LIQUID—10 bbls, 558 gls, Challenge, London
PHOTO-ENGRAVING—10 cs, 300 lbs, Black Condor, Amsterdam; 10 cs, 300 lbs, President Garfield, Singapore
GUM, VEGETABLE—5 dms, 154 lbs, Challenge, London
INK, PRINTING—(President Garfield) 5 dms, 1,233 lbs, Penang; 15 dms, 3,753 lbs, Singapore; 150 dms, 66,375 lbs, Challenge, Dundee
WRITING—(President Garfield) 65 cs, 1,794 lbs, Singapore; 42 bxs, Manila; 19 pkgs, Honolulu
INSECTICIDE — 4 dms, 1,843 lbs, President Garfield, Honolulu
LINING COMPOUND—(Black Condor) 35 dms, 1,855 gls, Rotterdam; 12 dms, 636 gls, Antwerp; (Collamer) 272 dms, 78,411 gls, Havre; 31 dms, 1 bbl, 1,216 gls, Basle
LUBRICANT—1 cs, 32 lbs, Challenge, London
DRAWING—7 dms, 35 gls, Black Condor, Antwerp
MEDICINAL PREPS—4 cs, President Garfield, Honolulu
MUCILAGE—20 cs, 620 lbs, President Garfield, Singapore
OIL, FURNACE—75 dms, 4,125 gls, O K Service IV, La Have, N S
LUBRICATING — 2 cs, 60 gls, Franconia, Liverpool; 3 dms, 1 bbl, 130 gls, American Importer, Manchester; 5 cs, 145 gls, Nova Scotia, Liverpool
MACHINE—1 cs, 2 gls, President Garfield, Honolulu
PINE—1 crt, 5 gls, Nova Scotia, Halifax, N S
PAINT—(Yarmouth) 2 bgs, 100 lbs, Fredericton, N B; 2 dms, 60 gls, St John, N B; 12 crtns, 41 gls, Blankaholm, Gothenburg; 20 cs, 117 gls, Nova Scotia, St John's, N F
COMPOUND—3 bbls, 1,200 lbs, Evangeline, Halifax
PARAFFIN—510 bgs, 112,200 lbs, Gertrude Maersk, Hongkong
PASTE, ADHESIVE—10 dms, 375 lbs, Collamer, Havre; (President Garfield) 2 pkgs, 76 lbs, Hilo; 10 pkgs, 478 lbs, Honolulu
LIBRARY—11 cs, 400 lbs, President Garfield, Singapore
PHENOL—203 dms, 61,464 lbs, Black Condor, Antwerp
PINETAR—50 bbls, 22,123 lbs, Nova Scotia, St John's, N F
POLISH—2 cks, 1,000 lbs, Blankaholm, Stockholm; 52 cs, 4,420 lbs, Franconia, Leicester; 3 bxs, 255 lbs, President Garfield, Honolulu
POTASH, BICHROMATE—1 ck, 787 lbs, Nova Scotia, St John's, N F
PUTTY—30 dms, 2 cs, 1,920 lbs, Yarmouth, St John, N B; 5 cs, 500 lbs, President Garfield, Manila
ROSIN, GUM—40 bbls, Yarmouth, Halifax
WOOD—180 dms, Nova Scotia, Grand Falls, N F
RUST PREVENTIVE—1 pail, 5 gls, Collamer, Havre
SENNA LEAVES—1 bl, 406 lbs, Yarmouth, St John, N B
SOAP, FLAKE—(President Garfield) 25 cs, 836 lbs, Honolulu; 5 cs, 83 lbs, Nawiliwili; 6 cs, 184 lbs, Port Allen
POWDER—(President Garfield) 25 cs, 928 lbs, Nawiliwili; 55 cs, 2,077 lbs, Port Allen; 90 cs, 3,409 lbs, Kahului; 10 bbls, 2,250 lbs, Challenge, London
TAR—(President Garfield) 50 cs, 1,125 lbs, Honolulu; 15 cs, 338 lbs, Nawiliwili; 45 cs, 1,125 lbs, Port Allen; 5 cs, 125 lbs, Kahului
TOILET—(President Garfield) 500 cs, 11,875 lbs, Honolulu; 35 cs, 831 lbs, Port Allen; 35 cs, 831 lbs, Kahului
SODA BICARBONATE—40 bbls, 160 kgs, 33,920 lbs, Yarmouth, St John, N B
STAIN—2 cans, 6 gls, Saint John, Halifax, N S; 1 cs, 10 gls, Tela, Panama; 1 kg, 90 lbs, Franconia, Liverpool
STRAMONIUM LEAVES—1 crtn, 10 lbs, Yarmouth, St John, N B
TOILET PREPS—7 cs, 4,837 lbs, Franconia, Nottingham
TURPENTINE, GUM—(Evangeline) 27 dms, 10,584 lbs, Halifax; 10 bbls, 506 gls, Yarmouth; 8 dms, 443 gls, Nova Scotia, Halifax, N S
VANILLA BEANS—2 cs, Yarmouth, St John, N B
WAX, FLOOR—3 cs, 281 lbs, Blankaholm, Gothenburg
SEALING—1 cs, 143 lbs, Tela, Havana; 2 cs, 109 lbs, President Garfield, Hongkong
SPECIAL—1 cs, 60 lbs, Collamer, Basle

Corpus Christi Exports
Clearance Dates

Barendrecht, August 20; Beaconstreet, August 20; Dorina, August 30; Gayo, August 21; Henry Desprez, August 25; Massis, August 29; Pluvoise, August 18; Teresa Odero, August 30; Vendemaire, August 21; Welheim, August 24

COTTON LINTERS—184 bls, Gayo, Kobe; 850 lbs, Welheim, Manchester
GASOLINE—104,927 bbls, Pluvoise, Berre; 24,946 bbls, Barendrecht, Hamburg; 5,812 bbls, Vendemaire, Havre; 55,871 bbls, Massis, Curacao
OIL, FUEL—68,967 bbls, Teresa Odero, Italian Ports
GAS—1,504 bbls, Cities Service Ohio, Philadelphia; 28,154 bbls, Dorina, Lands End
PETROLEUM, CRUDE—87,720 bbls, Beaconstreet, Havre; 95,299 bbls, Vendemaire, Havre; 105,794 bbls, Henry Desprez, Havre

Galveston Exports
Clearance Dates

Caprella, September 5; Dorina, September 1; Elusa, September 5

GASOLINE—2 dms, Dorina, United Kingdom
OIL, GAS—7,500 tons, Dorina, United Kingdom; 12,000 tons, Caprella, Curacao; 4,500 tons, Elusa, United Kingdom

Houston Exports
Clearance Dates

Caspia, September 2; Clavella, September 3; Indiana, September 5; Nike, September 2; Oakwood, August 31; Varand, September 3; West Harshaw, August 30

ASPHALT, GILSONITE—20 tons, West Harshaw, Liverpool
BLACK, CARBON—(West Harshaw) 930 bgs, Liverpool; 4,448 bgs, Manchester; 15,935 bgs, Liverpool-Manchester; 50 cs, Oakwood, Genoa; 2,400 pkgs, Indiana, France
COTTON LINTERS—2,100 bls, Indiana, France
GASOLINE—52,669 bbls, Nike, Holland; 7,800 tons, Caspia, United Kingdom; 7,600 tons, Varand, United Kingdom
NATURAL, STABILIZED — 11,535 tons, Clavella, Curacao
KEROSENE—7,745 bbls, Nike, Holland
OIL, GAS—38,024 bbls, Nike, Holland

Lake Charles Exports
Clearance Dates

Genevieve Lykes, August 26: Havprins, August 29; West Chatala, September 1

INSECTICIDE—61 pkgs, Genevieve Lykes, Port au Prince
PETROLEUM, CRUDE—94,558 bbls, Havprins, Montreal
ROSIN—(West Chatala) 10 dms, Callao; 130 dms, Cartagena

Los Angeles Exports
Clearance Dates

Akatuki, August 28; Akebono, August 30; Clausina, August 30; Dinteldyk, August 27; Kiyokawa, August 24; Lochkatrine, August 27; Malayan Prince, August 27; Villanger, August 25

ACETONE—621 dms, 222,340 lbs, Dinteldyk, Amsterdam
ALCOHOL, BUTYL—60 dms, 22,140 lbs, Dinteldyk, Amsterdam
BORAX—50 bbls, 11,200 lbs, Malayan Prince, Manila; 10 cs, 240 lbs, Lochkatrine, Vancouver; (Villanger), 394 bgs, 44,130 lbs, Ronneby; 197 bgs, 22,060 lbs, Antwerp; 36 bgs, 3,970 lbs, Kiyokawa, Cartegena; 1,200 bgs, 134,400 lbs, Malayan Prince, Hongkong
CEMENT, ROOF—780 lbs, Malayan Prince, Manila
DIATOMACEOUS EARTH—60 bgs, 6,150 lbs, Malayan Prince, Manila; (Dinteldyk) 110 bgs, 11,280 lbs, Liverpool; 22 bgs, 2,260 lbs, London; 37 bgs, 2,000 lbs, Villanger, Amsterdam
DRIER, JAPAN—540 lbs, Malayan Prince, Manila
GASOLINE—73,189 bbls, Clausina, Manila; 500 cs, Malayan Prince, Manila; 100,531 bbls, Akebono, Yokohama
GYPSUM—200 sx, 20,200 lbs, Malayan Prince, Manila
ISOPROPYL ETHER—30 dms, 9,870 lbs, Dinteldyk, Amsterdam
KEROSENE—20,570 bbls, Clausina, Manila; 2,000 cs, Malayan Prince, Manila
OIL, COTTONSEED—9,240 lbs, Malayan Prince, Manila
DIESEL—62,008 bbls, Akatuki, Balboa
FLOTATION—80 lbs, Lochkatrine, Kimberley
FUEL—26,444 bbls, Akatuki, Balboa
ORANGE—1,160 lbs, Villanger, Rotterdam
PAINT THINNER—500 dms, 177,940 lbs, Malayan Prince, Manila
PETROLEUM GAS, LIQ—25 cyls, 2,430 lbs, Lochkatrine, Vancouver
SOLVENTS—39 dms, 15,520 lbs. Dinteldyk, Amsterdam
VARNISH, COPAL—2,160 lbs, Malayan Prince, Manila

Mobile Exports
Clearance Dates

Dalvangen, August 30; Sorvangen, August 28

BARYTES—10,000 bgs, Dalvangen, Port of Spain
ROSIN—10 bbls, Sorvangen, Kingston
GUM—(Dalvangen) 20 dms, Port au Prince; 50 dms, Corupano; 10 dms, Pampatar; 50 dms, Puerto Cabello
WOOD—12 dms, Dalvangen, Port of Spain
TURPENTINE—4 dms, Dalvangen, La Guaira; 12 dms, Sorvangen, Kingston
WOOD—7 dms, Sorvangen, St Johns

New Orleans Exports
Clearance Dates

Aquarius, August 15; Auditor, August 25; Austvangen, August 18; Hibueras, August 5; Kurama, September 7; Lysefjord, August 1; San Pablo, August 1; Santa Marta, August 1; Toloa, August 9

ASPHALT—425 tons, San Pablo, Buenaventura; 138 tons, Lysefjord, Belize
BAKING POWDER—2 tons, Toloa, Tela
BLACK, CARBON—850 sx, Aquarius, Manchester; 1,200 sx, Auditor, Liverpool
CARBON DIOXIDE—30 cyls, Toloa, Tela
CLAY—270 sx, Auditor, Manchester
GROUND—5 tons, San Pablo, Barranquilla
GASOLINE—(Lysefjord) 275 dms, 750 cs, Tela; 250 cs, Puerto Cortez; 100 dms, Hibueras, Bluefields
KEROSENE—100 cs, Lysefjord, Belize; 10 dms, Hibueras, Bluefields
LARD—(Austvangen) 21 tons, Ciudad Trujillo; 30 tons, Puerto Cabello; (San Pablo) 3,100 tins, 50 bxs, Barranquilla; 1,600 tins, Cartagena; 1,250 tins, Guayaquil; 500 tins, Santa Marta, Puerto Barrios; 30 tins, Lysefjord, Belize; 30 crts, Hibueras, Bluefields; 50 tins, Toloa, Puerto Barrios
MOLYBDENUM CONC—239 dms, Auditor, Liverpool
OIL, FUEL—80 dms, Hibueras, Bluefields
LUBRICATING—(Auditor) 65 dms, Liverpool; 79 dms, Manchester; 30 tons, Austvangen, Puerto Cabello; (Kurama) 494 dms, Yokohama: 690 dms, Kobe; 45 dms, Kobe/Osaka; 559 dms, Osaka
REFINED—300 tins, Lysefjord, Puerto Cortez
PAINT, LIQ—2 tons, Toloa, Puerto Barrios
PARAFFIN—16 tons, San Pablo, Barranquilla
SCALE—1,061 bbls, Aquarius, Manchester
PETROLATUM—70 bbls, Auditor, Liverpool
PITCH, COTTONSEED—50 bbls, Auditor, Liverpool
ROSIN—60 bbls, 25 dms, Auditor, Manchester; 180 dms, Kurama, Osaka; 19 tons, San Pablo, Cartagena; 1 ton, Lysefjord, Belize
WOOD—400 bbls, Aquarius, Liverpool
SALT—17 tons, Austvangen, Ciudad Trujillo; 22 tons, Lysefjord, Belize; 4 tons, Hibueras, Bluefields; 2 tons, Toloa, Tela
SODA, CAUSTIC—1 ton, Hibueras, Bluefields
STARCH, CORN—8,360 sx, Aquarius, Manchester
SULPHUR, CRUDE—3,850 tons, Aquarius, Manchester
TRIPOLI—999 sx, Aquarius, Manchester
TURPENTINE—25 dms, Aquarius, Liverpool
UREA—152 tons, Lysefjord, Puerto Cortez

Norfolk Exports
Clearance Dates

Challenge, September 1; Cold Harbor, August 28

ACETONE—30 dms, Challenge, London
ALCOHOL, BUTYL—50 dms, Challenge, London
DIACETONE—2 dms, Challenge, London
ISOPROPYL—2 dms, Challenge, London
OCTYL—2 dms, Challenge, London
BARK—11 bgs, 1,059 lbs, Challenge, London
BUTYL ACETATE—120 dms, Challenge, London
CARBITOL—2 dms, Challenge, London
CARBITOL—35 dms, Challenge, London
CORN SUGAR—1,000 bgs, 102,000 lbs, Cold Harbor, Manchester
SYRUP—100 dms, 74,226 lbs, Cold Harbor, Dublin
COTTON LINTERS, BLEACHED—4,807 lbs, 727,455 lbs, Challenge, Hamburg
DIETHANOLAMINE—2 dms, Challenge, London
DIETHYLENEGLYCOL—20 dms, Challenge, London
DIOXAN—1 dm, Challenge, London
ETHYLENE DICHLORIDE—10 dms, Challenge, London
ETHYLENEGLYCOL — 20 dms, Challenge, London
MONOBUTYLETHER—35 dms, Challenge, London
MONOETHYLETHER—40 dms, Challenge, London
MONOMETHYLETHER—20 dms, Challenge, London
ISOPROPYL ACETATE—25 dms, Challenge, London
LOBELIA HERB—3 bls, 440 lbs, Challenge, London
MAGNESIUM—560 cs, Challenge, London
MEDICINAL PREPS—53 pkgs, 3,604 lbs, Challenge, London
METHANOL—3 dms, Challenge, London
MICA—(Challenge) 110 bgs, 11,220 lbs, London; 650 bgs, 65,500 lbs, Hamburg
MONOETHANOLAMINE—7 dms, Challenge, London
OCHER—450 bgs, 67,500 lbs, Challenge, Dundee
PROPYLENE DICHLORIDE—1 dm, Challenge, London
PROPYLENEGLYCOL—3 dms, Challenge, London
SASSAFRAS ROOT—32,400 lbs, Challenge, Hamburg
TANNING EXTRACT—(Cold Harbor) 400 bbls, 233,841 lbs, Manchester; 725 bbls, 425,780 lbs, Liverpool
TRIETHANOLAMINE — 25 dms, Challenge, London
WHITE PINE BARK—3 bls, 725 lbs, Challenge, London
WITCH HAZEL BARK—12 bls, 4,449 lbs, Challenge, Hamburg

Philadelphia Exports
Clearance Dates

Akagi, September 1; Asakasan, September 8; Black Condor, September 2; Black Gull, September 11; Challenge, September 3; City of Canberra, August 30; Cold Harbor, September 2; Collamer, September 6; Executive, September 7; Gran, September 5; Helga, September 12; Knoxville City, August 31; Luculus, September 8; Mormacsea, August 30; New Brooklyn, August 31; New Orleans, September 2; Quaker City, September 11; San Clemente, September 5; Scanpenn, September 3; Silverlarch, September 1; Zaandam, August 30

ACETATE—(New Orleans) 12 pkgs, Sydney; 60 pkgs, Melbourne; 60 pkgs, Adelaide
ALCOHOL—(New Orleans) 6 pkgs, Sydney; 18 pkgs, Melbourne
ANTI-KNOCK COMP—120 dms, Mormacsea, Rio de Janeiro; 225 pkgs, Quaker City, London
ASPHALT—23 pkgs, Cold Harbor, Manchester
BARIUM SULPHATE—33 csks, City of Canberra, Sydney
BLACK, BONE—(Scanpenn) 10 bgs, Bergen; 20 bgs, Stockholm; 1,216 bgs, City of Canberra, Sydney; 30 pkgs, New Orleans, Melbourne
LAMP—5 cs, City of Canberra, Sydney
BRAKE FLUID—2 dms, Scanpenn, Copenhagen; 1 dm, Helga, Valparaiso
CEMENT, GASKET—7 pkgs, Silverlarch, Bombay
LEATHER BELTING—1 cs, Scanpenn, Bergen
RUBBER—3 dms, 4 pls, Scanpenn, Copenhagen; 1 pl, Helga, Valparaiso
CHEMICALS—2 bxs, City of Canberra, Sydney
CHLORINE LIQ—50 cyls, San Clemente, Cristobal
CLEANER—3 pkgs, Zaandam, Amsterdam; 15 pkgs, Cold Harbor, Liverpool
COLLODION COTTON—39 bbls, 1 bx, Black Gull, Rotterdam
CORN SYRUP—237 pkgs, Cold Harbor, Glasgow
DICHLORODIFLUOROMETHANE — 30 cyls, Cold Harbor, Manchester; 10 pkgs, New Orleans, Brisbane
DYESTUFFS—150 pkgs, Cold Harbor, Manchester
DYEWOOD EXTRACT—15 bbls, Mormacsea, Santos
ETHYL ACETATE—11 dms, City of Canberra, Melbourne
FLUID—471 bbls, 6 bxs, Challenge, London
FILTER SAND—270 bgs, Gran, Lisbon
FIRE EXTINGUISHING COMP—400 pkgs, New Orleans, Melbourne
GASOLINE—(New Brooklyn) 1,250 cs, Dakar; 350 cs, Freetown; 2,000 cs, Conakry; 750 cs, Cotonou; 400 cs, Bathurst; 250 cs, Calabar; 150 cs, Takoradi; 1,500 cs, Grand Lahou; 750 cs, Lome; 200 cs, Monrovia; 1,500 cs, Grand Bassam; 2,087 cs, Accra; 1,000 cs, Port Harcourt; 3,500 cs, Port Bouet
GLAZE—1 cs, Scanpenn, Copenhagen
GREASE, LUBRICATING—(Scanpenn) 1 dm, Bergen; 9 bbls, Gothenburg; 1 kg, 1 pl, 10 cs, 2 dms, Copenhagen; 2 dms, Stockholm; 6 dms, 5 qtr dms, 5 cs, Helsingfors; 28 bbls, 18 kgs, 10 cs, 74 pls, Mormacsea, Santos; 78 pkgs, Zaandam, Rotterdam; (New Brooklyn) 25 cs, 5 dms, Dakar; 50 cs, Duala; 6 cs, 1 dm, Calabar; 80 cs, Apapa; 13 cs, 1 dm, Port Harcourt; 4 cs, Monrovia; 25 cs, Port Bouet; 1 pkg, Cold Harbor, Manchester; (City of Canberra) 1 dm, Sydney; 5 dms, Fremantle; 5 bbls, Adelaide; 1 dm, Knoxville City, Manila; 20 bbls, Gran, Lisbon; 3 dms, Helga, Valparaiso; (San Clemente) 5 cs, Amapala; 2 dms, Arica; 17 dms, 20 qtr dms, Callao
GUM, SYNTH—209 pkgs, Cold Harbor, Manchester
ILMENITE—567 pkgs, Zaandam, Rotterdam; 226 pkgs, Cold Harbor, Manchester
INK, PRINTING—1 bx, Black Gull, Rotterdam
INSECTICIDE—17 dms, Mormacsea, Buenos Aires; (New Brooklyn) 10 cs, Dakar; 3 cs, Duala; 5 cs, Calabar; 5 cs, Takoradi; 20 cs, Apapa; 5 cs, Port Harcourt; 25 cs, Accra; (City of Canberra) 1 dm, Sydney; 2 dms, 55 ctns, Melbourne; 8 ctns, Knoxville City, Cebu; 42 ctns, San Clemente, Panama
ISO OCTANE—3 cs, Scanpenn, Helsingfors
LACQUER—12 pkgs, Silverlarch, Alexandria
THINNER—6 pkgs, Silverlarch, Alexandria
LICORICE PASTE—(Scanpenn) 255 cs, Copenhagen; 155 cs, Stockholm; 379 pkgs, Zaandam, Rotterdam; 25 pkgs, New Orleans, Melbourne; 315 cs, 20 dms, Black Gull, Rotterdam
LINSEED CAKE—4,860 bgs, Zaandam, Rotterdam
MANGANESE ORE — 440 bgs, Mormacsea, Buenos Aires
MEDICINAL PREPS—(Mormacsea) 5 kgs, 2 cs, Santos; 4 bbls, Buenos Aires
MINERAL SPTS—600 cs, Mormacsea, Rio de Janeiro
OIL, COALTAR—6 pkgs, Cold Harbor, Liverpool; 1 dm, Black Gull, Amsterdam
CODLIVER—10 dms, Black Gull, Antwerp
FUEL—(New Brooklyn) 349 dms, Port Bouet; 20 dms, Freetown
ILLUMINATING—(New Brooklyn) 450 cs, Dakar; 700 cs, Freetown; 750 cs, Conakry; 200 cs, Takoradi; 500 cs, Grand Lahou; 350 cs, Lome; 380 cs, Monrovia; 500 cs, Grand Bassam; 1,467 cs, Accra; 900 cs, Port Bouet
LUBRICATING—(Scanpenn) 34 dms, 1 crate, Bergen; 15 dms, 374 bbls, 35 pkgs, Copenhagen; 2 dms, 1 cs, 20 bbls, Stockholm; 82 dms, 25 hlf dms, 25 qtr dms, 104 cs, Helsingfors; 3 dms, Black Condor, Amsterdam; (Mormacsea) 245 dms, 35 cs, Santos; 120 dms, Buenos Aires; (Zaandam) 1,809 bbls, 98 pkgs Rotterdam; 24 pkgs Amsterdam; (New Brooklyn) 15 dms, Las Palmas; 330 pkgs, Port Bouet; 24 pkgs, Amsterdam; (New Brooklyn) 15 dms, Las Palmas; 330 pkgs, Port Bouet; 20 dms, Sapele; 50 cs, Calabar; 30 cs, Accra; 60 dms, Takoradi; 150 pkgs, Rio Benito; 45 pkgs, Lome; 30 dms, Bathurst; 150 dms, 55 cs, Dakar; 3 cs, Freetown; 6 cs, 17 dms, Calabar; 100 dms, Takoradi; 155 cs, 190 dms, Apapa; 9 cs, 41 dms, Port Harcourt; 3 dms, Monrovia; 100 dms, Accra; 104 dms, Port Bouet; 221 pkgs, Cold Harbor, Liverpool; 11 pkgs, Silverlarch, Djibouti; (City of Canberra) 65 dms, Brisbane; 483 dms, Sydney; 135 dms, Melbourne; 663 dms, Adelaide; 30 qtr dms, 150 pls, 1,519 dms, Fremantle; (Akagi) 1,519 dms, Yokohama; 330 dms, Moji; 275 dms, Kobe; 210 dms, Osaka; (Knoxville City) 257 dms, Manila; 2 ctns, Cebu; 715 dms, 1,310 cs, Saigon; (New Orleans) 65 pkgs, Sydney; 143 pkgs, Melbourne; 737 pkgs, Adelaide; 2,812 pkgs, Sydney; 356 pkgs, New Castle; (Gran) 1,115 bbls, 127 dms, 509 cs, 270 csks, Lisbon; 21 bbls, 20 dms, 323 cs, Leixoes; 50 pkgs, Loanda; 5 pkgs, Mossamedes; 35,990 bbls, Luculus, Lands End; 300 bbls, Challenge, London; (Collamer) 270 bbls, Havre; 1 bx, Paris; 66 pkgs, Quaker City, London; 1,949 tons, Asakasan, Tokuyama; 15 dms, Helga, Valparaiso; (Executive) 85 pkgs, Gibraltar; 15 dms, Tunis; 492 cs, 10 dms, Bucharest; (San Clemente) 15 dms, 1 cs, Amapala; 60 dms, Barranquilla; 30 dms, Trinidad; 10 dms, Arica; 85 qtr dms, 253 dms, Callao
NEATSFOOT—6 dms, Mormacsea, Buenos Aires; (Collamer) 20 bbls, Havre; 13 bbls, Marseilles; 24 bbls, Black Gull, Rotterdam
SULPHURIZED—3 dms, City of Canberra, Fremantle
PAINT—6 dms, 135 pls, Scanpenn, Copenhagen; 5 dms, 2 pls, Black Condor, Amsterdam; 4 pkgs, Zaandam, Amsterdam; 10 dms, Knoxville City, Manila; 87 pls, 10 dms, 1 cs, Helga, Valparaiso
PARAFFIN—(Scanpenn) 50 bbls, Gothenburg; 25 bbls, Copenhagen; 25 bbls, Stockholm; (Cold Harbor) 153 pkgs, Liverpool; 51 pkgs, Dublin; (Challenge) 15 cs, London; 170 bbls, 51 bgs, Dundee; (Black Gull) 68 bbls, Rotterdam; 50 bgs, 225 bbls, Amsterdam; (San Clemente) 100 bgs, Pacasmaya; 250 bgs, Aquimbo; 408 bgs, Arica
PETROLATUM—(Cold Harbor) 30 pkgs, Liverpool; 25 pkgs, Glasgow
PHENOL, AMYL—7 pkgs, Cold Harbor, Manchester
PITCH—335 pkgs, Cold Harbor, Manchester
POLISH—16 pkgs, Zaandam, Amsterdam
RADIATOR FLUSH—3 pkgs, Zaandam, Amsterdam
RUBBER COMPOUNDING AGENTS—11 pkgs, Cold Harbor, Manchester
RUTILE—83 pkgs, Zaandam, Rotterdam
SOAP—300 pkgs, Cold Harbor, Glasgow; 443 pkgs, Challenge, London; 1 pkg, Quaker City, London; 81 dms, San Clemente, Cristobal
SODA, ASH—1 pkg, Cold Harbor, Liverpool; 1 dm, City of Canberra; Sydney; 1 dm, Knoxville City, Manila
CYANIDE—2 dms, Scanpenn, Bergen
SOLVENT, AROMATIC—5 pkgs, New Orleans, Melbourne
TANNING EXTRACT—40 pkgs, Cold Harbor, Glasgow; 7 pkgs, New Orleans, Sydney
MATERIAL — 2 bbls, Mormacsea, Buenos Aires; (City of Canberra) 3 bbls, Brisbane; 26 bbls, Sydney; 24 bbls, 1 dm, Melbourne

TIRE COATING COMP—3 pkgs, Zaandam, Amsterdam
TOLUOL—(Asakasan Maru) 497 dms, Yokohama; 191 dms, Osaka
UREA—448 pkgs, Scanpenn, Stockholm
VALVE GRINDING COMP—3 pkgs, Zaandam, Amsterdam
XYLOL—1 dm, City of Canberra, Sydney

Port Arthur Exports
Clearance Dates

Belgian Gulf, Agust 31; Gallia, August 26; Germania, August 31; Grena, August 31; Indiana, September 3; Jane Maersk, August 29; Luxor, September 2; Oakwood, August 26; Salamaua, August 27

ASPHALT, PETROLEUM — (Gallia) 30 dms, Santos; 24 bxs, Rio de Janeiro; (Indiana) 1,251 bbls, Havre; 230 bbls, 975 dms, Antwerp
SOLID—(Salamaua) 250 dms, Melbourne, Sydney; 1,743 dms, 274 bbls, Melbourne; 4,296 bbls, 4,985 dms, Sydney; 205 bbls, 748 dms, Brisbane
GASOLINE—(Gallia) 36,617 bbls, Santos; 3,523 bbls, 300 cs, Rio de Janeiro; (Salamaua) 20 dms, Melbourne; 30 dms, Sydney; 70 dms, Brisbane; 63,352 bbls, Grena, Antwerp; (Germania) 37,390 bbls, Thameshaven; 23,250 bbls, Hull; 30,139 bbls, Liverpool; 80,610 bbls, Luxor, United Kingdom
AVIATION — 7,839 bbls, Gallia, Rio de Janeiro
GREASE, LUBRIC—180 bbls, Oakwood, Genoa; (Gallia) 19 bbls, 195 dms, Santos; 195 dms, 15 kgs, 291 cs, 93 crts, Rio de Janeiro; (Salamaua) 7 dms, Melbourne; 61 dms, 50 cs, Sydney; 30 dms, Brisbane; 115 dms, 190 ctgs, 65 cs, Indiana, Antwerp
KEROSENE—(Gallia) 3,980 bbls, 75 cs, Santos; 5,077 bbls, Rio de Janeiro; (Germania) 7,871 bbls, Thameshaven; 2,326 bbls, Hull; 3,877 bbls, Liverpool
NAPHTHA—200 cs, 100 dms, Gallia, Santos
OIL, FUEL—27,840 bbls, Jane Maersk, Malaga; 5,484 bbls, Santos; 5,155 bbls, Rio de Janeiro
GAS—58,386 bbls, Jane Maersk, Malaga; 6,691 bbls, Belgian Gulf, London, Manchester; (Salamaua) 500 dms, Melbourne; 900 dms, Sydney; 600 dms, Brisbane; 6,811 bbls, Germania, Liverpool
LUBRICATING—(Oakwood) 625 bbls, 40 hlf bbls, Genoa; 188 bbls, 7 hlf bbls, Naples; 75 bbls, Civitavecchia; 150 bbls, Trieste; 112 bbls, 12 hlf bbls, Venice; (Gallia) 327 bbls, 10 dms, Santos; 1,377 bbls, Rio de Janeiro; (Salamaua) 1,495 dms, Melbourne; 1,505 dms, Sydney; 515 dms, 25 cs, Brisbane; 71,962 bbls, Belgian Gulf, London-Manchester
PALE—135 dms, 2 crts, Indiana, Antwerp
MINERAL—(Oakwood) 25 dms, Genoa; 10 dms, Naples; 15 dms, Venice
PAINT SOLVENT—10 dms, Salamaua, Brisbane

San Francisco Exports
Clearance Dates

Baldhill, August 8; Delftdijk, August 10; Erria, August 10; Este, August 9; Granville, August 11; Huzisan, August 9; Limerick, August 7; Margrethe Bakke, August 10; Pacific, August 11; President Pierce, August 11
ACETYLENE—4 cyls, Limerick, Papeete
ACID, BORIC—(Limerick) 100 sks, Auckland; 20 sks, Wellington; 100 sks, President Pierce, Shanghai
MURIATIC—1 cs, President Pierce, Hongkong
ORGANIC—1 cs, President Pierce, Hongkong
SULPHURIC—4 crbys, Limerick, Papeete
ALCOHOL, DENAT—1 cs, Limerick, Papeete
AMMONIA, ANHYD — 50 cyls, President Pierce, Manila
BICARBONATE—1 cs, Limerick, Papeete
SULPHATE — 2,710 sks, President Pierce, Manila; 14,640 sks, Granville, Manila
ANTISEPTIC—1 cs, Limerick, Papeete
APRICOT KERNELS—610 sks, Delftdijk, Holland; (Erria) 765 sks, Copenhagen; 200 sks, London; 50 sks, Gothenburg
ASPHALT — (Limerick) 160 dms, Melbourne; 1,911 dms, Sydney; 12 sks, Wellington; 336 tons and 126 dms, President Pierce, Shanghai; (Granville) 1,543 dms, Hongkong; 125 dms, Manila; 360 dms, Singapore; 707 dms, Samarang; 407 sks, Margrethe Bakke, England
GILSONITE — (Este) 60 sks, Antwerp; 112 sks, Hamburg; (Erria) 184 sks, Copenhagen; 60 sks, Gothenburg
BENZIN — (Limerick) 5 dms, Auckland; 20 dms, Wellington; 5 dms, Lyttelton
BENZOL—9 dms, Limerick, Wellington
BIOLOGICALS—5 cs, President Pierce, Hongkong
BLACK, CARBON—4 cs, Limerick, Wellington
BLEACHING POWDER — 10 dms, President Pierce, Hongkong
BLUE, LAUNDRY—3 cs, President Pierce, Manila
BOILER COMP—1 cs, Limerick, Papeete
BORAX—(Limerick) 50 sks, Wellington; 40 sks, Auckland
BRONZING LIQ — 34 cs, President Pierce, Tientsin
BRAKE FLUID—2 cs, Limerick, Papeete
CARBON—102 sks, Delftdijk, England; 1 kg, President Pierce, Manila
DECOLORIZING—1 cs, Limerick, Papeete
TETRACHLORIDE—25 cs, President Pierce, Manila
CARAWAY SEED—1 sk, President Pierce, Manila
CARBON DIOXIDE—6 cyls, Limerick, Papeete
CEMENT, APRON—3 cs, Limerick, Wellington
CHEMICALS — 1 cs, Limerick, Papeete; (President Pierce) 1 dm, Manila; 2 kgs, 2 sks, 3 dms, Hongkong; 10 kgs, 53 cs, 1 dm, Shanghai
CHLORINE BLEACH, LIQ—79 cs, Limerick, Papeete; 8 cs, President Pierce, Manila
CHLOROFORM—8 cs, President Pierce, Hongkong
CLEANER—(Limerick) 6 dms, Wellington; 12 cs, Papeete; 30 cs, President Pierce, Hongkong
COALTAR—3 cs, Limerick, Papeete
COCOA CAKE—746 sks, Delftdijk, Holland
COLOR, DRY—(Limerick) 4 cs, Papeete; 15 bbls, 7 cks, 5 cs, Melbourne; 1 bbl, Erria, St Thomas
COPRA CAKE—(Pacific) 15,500 sks, Aalborg; 24,400 sks, Aarhus
CORKS—7 sks, 5 bls, Limerick, Papeete
CORN SUGAR—4 cs, President Pierce, Hongkong
DENTIFRICE—1 cs, Limerick, Papeete
DISINFECTANT — 2 dms, President Pierce, Hongkong
DRESSING, AUTO-TOP—1 cs, Limerick, Papeete
BELT—2 cs, Limerick, Papeete
SHOE—1 cs, Limerick, Papeete
FISHMEAL—200 sks, Granville, Manila
FLAVORING EXTRACT — 1 dm, President Pierce, Manila
FLYSPRAY—1 cs, Limerick, Papeete; 20 cs, President Pierce, Manila
GAS, HYDROCARBON—4 cyls, Delftdijk, Holland
GASOLINE—(Limerick) 236 dms, Rarotonga; 370 dms, Papeete; 2,070 dms, Australia
GINGER—(Limerick) 27 bbls, Sydney; 16 sks, Melbourne
GLAUBER'S SALT—200 sks, Limerick, Auckland
GLUCOSE—(President Pierce) 15 bbls, Hongkong; 120 bbls, Manila
GLYCERIN—1 cs, Limerick, Papeete; 2 cs, President Pierce, Hongkong
GREASE, LUBRIC—(Limerick) 12 dms, Wellington; 12 cs, Papeete; (President Pierce) 20 dms, Shanghai; 35 dms, 17 hlf dms, 25 qtr dms, 35 cs, 50 pls, Manila; 55 dms, Granville, Fremantle
GYPSUM—5 cs, President Pierce, Hongkong
HOPS—(Limerick) 61 bdls, 21 sks, Wellington; 85 bls, Lyttelton; 1 bl, 7 cs, Papeete; 4 cs, President Pierce, Shanghai
INK—1 cs, Limerick, Papeete
PRINTING—76 pls, 10 dms, 6 cs, President Pierce, Manila
INSECTICIDE—1 cs, Limerick, Papeete; 1 crt, 1 dm, President Pierce, Hongkong
AGRICULTURAL—2 bbls, Limerick, Auckland
DRY—58 dms, Limerick, Auckland
INVALIDS' FOOD—5 bbls, President Pierce, Shanghai
KEROSENE—(Limerick) 5 dms, 170 cs, Rarotonga; 1 cs, Wellington; 10 dms, Auckland; 5 dms, 1,910 dms, Papeete
LACQUER PRIMER—1 cs, Granville, Hongkong
THINNER—1 cs, Limerick, Papeete; 9 cs, Granville, Manila
LEAD ARSENATE—32 cs, Limerick, Lyttelton
RED—550 kgs, 7 pls, President Pierce, Manila; 9 dms, Philippine Islands
WHITE, IN OIL—500 kgs, President Pierce, Manila
LITHARGE, DRY—(President Pierce) 10 dms, Manila; 7 dms, President Pierce, Philippine Islands
LYE—4 cs, Limerick, Papeete
MEDICINAL PREPS—5 cs, Limerick, Papeete; 2 cs, President Pierce, Hongkong
METAL RESIDUE—221 sks, Margrethe Bakke, England
MILK POWDER—10 bbls, President Pierce, Manila
MINERAL SPTS—(Limerick) 350 dms, Auckland; 350 dms, Wellington; 100 dms, Christchurch; 10 dms, Melbourne; 8 dms, Sydney
NAPHTHA—(Limerick) 15 dms, 50 cs, Auckland; 40 dms, Wellington; 55 dms, Lyttelton
OIL—16 dms, Limerick, Papeete
CITRONELLA—1 pkg, Limerick, Papeete
COCONUT, REFD—30 cs, Limerick, Auckland
CYLINDER—(Granville) 5 dms, Cebu; 10 dms, Medan
DIESEL—(Limerick) 42 gls, Papeete; 6 dms, Papeete
ENGINE—20 cs, Limerick, Papeete
FISH—1 cs, Limerick, Melbourne
LINSEED—5 kgs, 10 pls, 11 cs, Limerick, Papeete
LUBRICATING—(Limerick) 110 dms, 145 cs, Auckland; 195 dms, 31 cs, Wellington; 82 dms, Lyttelton; 315 dms, 3 cs, Melbourne; 380 dms, 3 cs, Sydney; 32 cs, 26 dms, Papeete; 978 bbls, Este, Hamburg; (President Pierce) 740 dms, 6 cs, Shanghai; 500 dms, 360 cs, Manila; (Granville) 300 dms, Fremantle; 60 dms, Medan; 1,320 dms, Cebu; 15 dms, Palembang; 145 dms, Batavia; 95 dms, Semarang; 10 dms, Sourabaya
MACHINE—3 cs, Limerick, Papeete
MOTOR—5 dms, 38 cs, Limerick, Papeete
NEATSFOOT — 2 dms, President Pierce, Shanghai
PETROLEUM—(Limerick) 88 dms, 30 cs, Auckland; 154 dms, 350 cs, Wellington; 20 dms, 40 cs, Lyttelton; 30 dms, Sydney; 40 cs, Granville, Hongkong
CRUDE—67,572 bbls, Baldhild, Vancouver; 85,716 bbls, Huzisan, Tokuyama
REFINED—208 cs, 26 dms, Limerick, Rarotonga; (Limerick) 300 dms, Melbourne; 40 dms, Wellington; 500 cs, Papeete
OXYGEN—9 cyls, Limerick, Papeete
PAINT—87 cs, Limerick, Papeete; 23 cs, 8 pls, Erria, St Thomas; (President Pierce) 12 kits, 61 cs, 180 kgs, Manila; 2 pls, Shanghai; 20 cs, 10 kits, Granville, Manila
COPPER—2 cs, Limerick, Papeete
ENAMEL—8 cs, Limerick, Papeete
GOLD—1 cs, Limerick, Papeete
PASTE—7 cs, Limerick, Papeete; 1 cs, 20 kgs, Granville, Manila
PREPARED—17 cs, Limerick, Papeete; 12 cs, President Pierce, Manila
REMOVER—1 cs, Limerick, Papeete
THINNER—2 cs, President Pierce, Manila
PEPPER, BLACK—50 sks, Delftdijk, Ecuador
PETROLATUM—10 dms, President Pierce, Hongkong
POLISH—91 cs, Limerick, Papeete; (President Pierce) 7 cs, Shanghai; 28 cs, Manila
POTASH COMP—1 cs, President Pierce, Hongkong
FERROCYANIDE—1 pkg, Limerick, Papeete
XANTHATE—15 dms, Granville, Manila
PUTTY—5 cs, Granville, Manila
QUICKSILVER—1 fisk, Delftdijk, Colombia
RESIN, SYNTH—4 dms, Limerick, Lyttelton
ROSIN—15 bbls, Limerick, Auckland
GUM—(Limerick) 5 bbls, Auckland; 10 bbls, Wellington
WOOD—30 bbls, Limerick, Wellington
SALT—837 sks, 2 cs, 252 pkgs, 50 bls, Limerick, Papeete; 160 sks, 10 kgs, President Pierce, Manila
COBALT—800 pkgs, Limerick, Wellington
IODIZED—2,400 pkgs, Limerick, Wellington
IRON—200 pkgs, Limerick, Wellington
SALTPETER—10 kgs, Limerick, Christchurch
SEALING COMP—1 cs, President Pierce, Manila
SHELLAC—1 cs, Limerick, Papeete
SILVERSAND—160 dms, Granville, Manila
SOAP—6 cs, Limerick, Papeete; 100 cs, Granville, Manila
FLAKE—1 cs, Limerick, Papeete
POWDER—41 cs, Limerick, Papeete
TOILET—3 cs, Limerick, Papeete; (President Pierce) 8 cs, Manila; 1,300 cs, Shanghai
SODA, ASH—5 sks, Limerick, Papeete
CAUSTIC—7 dms, Limerick, Papeete
SILICATE—2 dms, Limerick, Papeete; (President Pierce) 333 sks, Manila; 354 lbs, Hongkong
SILICOFLUORIDE—1 cs, President Pierce, Manila
SULPHITE—3 cans, Limerick, Papeete
SOLVENT, DRAIN-PIPE—2 cs, Limerick, Papeete; 15 cs, President Pierce, Manila
SULPHUR—(Limerick) 610 sks, Auckland; 750 sks, Wellington; 98 sks, Lyttelton; 10 sks, Granville, Manila
GROUND—50 sks, Limerick, Lyttelton
REFINED—20 sks, Limerick, Lyttelton
TAR—20 cs, Limerick, Melbourne
TOILET PREPS—9 cs, Limerick, Papeete; 3 cs, President Pierce, Hongkong
TREE WASH — (Limerick) 82 dms, 145 cs, Auckland; 15 dms, 130 cs, Wellington
TRIPOLI, PULV—38 sks, Limerick, Wellington
TURPENTINE—(Limerick) 70 cs, Auckland; 20 cs, 6 dms, 100 pls, Wellington; 45 cs, 70 dms, Lyttelton; 8 cs, Papeete
GUM—(Limerick) 25 cs, 4 dms, Wellington; 20 cs, Lyttelton
VARNISH—7 cs, Limerick, Papeete; 50 cs, President Pierce, Manila
VERMIN EXTERMINATOR—1 cs, Limerick, Papeete
WATERPROOFING—1 bbl, Limerick, Papeete
WAX, POLISHING—4 cs, Limerick, Papeete
WELDING COMP—1 pkg, Limerick, Papeete
YEAST—(President Pierce) 80 cs, Kobe; 100 cs, Yokohama

Savannah Exports
Clearance Dates

Hawnby, September 5; Shickshinny, August 31; Siantar, September 9

CLAY—387 bgs, Hawnby, London
COTTON LINTERS—2,405 bls, Shickshinny, Manchester
DEER TONGUE LEAVES—(Hawnby) 10 bls, Bremen; 9 bls, Antwerp; 2 bls, Amsterdam
DISINFECTANT—(Siantar) 5 dms, Belawan; 40 dms, Batavia; 5 dms, Palembang; 5 dms, Semarang; 5 dms, Macassar
OIL, PINE—10 dms, Siantar, Batavia
ROSIN, GUM—(Hawnby) 94 bbls, London; 25 bbls, Hull; 2,998 bbls, Hamburg; 600 bbls, Gothenburg; 625 bbls, Rotterdam; 40 bbls, Antwerp (Shickshinny) 221 bbls, Glasgow; 1,270 bbls, Liverpool; (Siantar) 40 bbls, Singapore; 830 bbls, 21 dms, Batavia; 560 bbls, Cheribon; 1,200 bbls, Samarang; 650 bbls, Soerabaya
WOOD—(Siantar) 10 bbls, Clehien; 50 bbls, Singapore; 530 bbls, Batavia; 85 bbls, Padang; 20 bbls, Palembang; 100 bbls, Cheribon; 100 bbls, Samarang; 100 bbls, Soerabaya; 30 bbls, Macassar
TURPENTINE, GUM—700 bbls, Hawnby, London; (Shickshinny) 250 bbls, Glasgow; 250 bbls, Liverpool; 30 bbls, Manchester; (Siantar) 1 dm, Singapore; 25 cs, Soerabaya

Tampa Exports
Clearance Dates

Laguna, September 2; Kurama, August 31; Kyusyu, September 5; Tuyama, September 5

GAS—2 dms, Laguna, Belize
GASOLINE—12 dms, Laguna, Belize
PHOSPHATE—3,011 tons, Kurama, Yokohama; 2,500 tons, Kyusyu, Yokohama; 4,844 tons, Tuyama, Yokohama-Osaka

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—80,497 bbls, Vacuum, New York; 75,453 bbls, Algonquin, New York; 76,521 bbls, W W Mills, Baytown
OIL, FUEL—92,513 bbls, Cities Service Boston, Philadelphia
GAS—76,342 bbls, Cities Service Missouri, New York; 1,504 bbls, Cities Service Ohio, Philadelphia
PETROLEUM, CRUDE—71,201 bbls, Cities Service Ohio, Philadelphia; 72,851 bbls, Washington, Port Neches; (Federal) 90,991 bbls, Houston; 30,154 bbls, Baytown; 46,965 bbls, Paco, Texas City; 66,204 bbls, New Jersey, Port Neches; 69,798 bbls, Halo, Baytown; 150,727 bbls, Wm Rockefeller, Baytown; 47,951 bbls, Thermo, Baytown

Galveston Coast Trade

SULPHUR—1,000 tons, Hoquiam; 2,800 tons, Portland

Lake Charles Coast Trade

PETROLEUM, CRUDE—49,576 bbls, Thermo, Corpus Christi; 56,729 bbls, Paco, Corpus Christi

Los Angeles Coast Trade

GASOLINE—67,460 bbls, Mojave, Seattle; 4,548 bbls, San Diegan, San Diego; 39,451 bbls, Utacarbon, Oleum-Seattle; 73,742 bbls, Dirigo, Seattle; 47,826 bbls, J J Coney, Richmond; 8,535 bbls, San Diegan, San Diego; 14,850 bbls, La Purisima, San Diego
KEROSENE—5,912 bbls, Utacarbon, Oleum-Seattle; 2,209 bbls, La Purisima, San Diego
OIL, DIESEL—3,556 bbls, Mojave, Seattle; 1,467 bbls, San Diegan, San Diego; 31,226 bbls, Utacarbon, Oleum-Seattle; 17,193 bbls, Cimarron, San Diego; 7,746 bbls, J J Coney, Richmond; 7,597 bbls, Brandywine, Seattle; 1,469 bbls, San Diegan, San Diego; 2,196 bbls, La Purisima, San Diego
FUEL—2,400 bbls, Coast Banker, Seattle; 48,759 bbls, Torres, Portland; 8,332 bbls, Mojave, Seattle; 7,256 bbls, Stanley A Griffiths, Tacoma; 89,000 bbls, Cimarron, San Diego; 2,390 bbls, Coast Merchant, Portland; 37,617 bbls, Brandywine, Seattle; 4,200 bbls, Scotia, Eureka; 10,000 bbls, La Purisima, San Diego; 63,316 bbls, Agwiworld, Portland; 12,000 bbls, El Cedro, Seattle; 2,490 bbls, Coast Shipper, Seattle
FURNACE—3,613 bbls, Mojave, Seattle
PETROLEUM, CRUDE — 66,576 bbls, Paul Schoup, Avon

Cargo Ship Arrivals
September 9 to September 22

New York

Absaroka	Seattle*	Sept 19
Agwistar	Tampico*	Sept 17
Amagisan	Yokohama*	Sept 20
Amazone	Maracaibo*	Sept 15
American Merchant	Avonmouth*	Sept 22
American Robin	Everett*	Sept 12
American Shipper	Glasgow*	Sept 19
American Trader	London*	Sept 11
Angelina	San Juan	Sept 18
Antigua	Port Limon*	Sept 17
Arkansas	Portland*	Sept 14
Astrea	Maracaibo*	Sept 11
Black Heron	Antwerp*	Sept 13
Black Tern	Antwerp*	Sept 18
Blommersdijk	Rotterdam	Sept 21
Borinquen	Trujillo City*	Sept 11
Brazil	Buenos Aires*	Sept 18
Brosund	Gefle*	Sept 20
Chiriqui	Puerto Barrios*	Sept 21
City of Flint	Glasgow	Sept 16
City of Newport News	San Francisco*	Sept 14
Coamo	Trujillo City*	Sept 18
Conte di Savoia	Genoa*	Sept 21
Drottningholm	Gothenburg	Sept 21
Edwin Christenson	Seattle	Sept 20
Estrella	Marseilles*	Sept 11
Exiria	Genoa*	Sept 15
Exochorda	Beirut*	Sept 20
Extavia	Behram*	Sept 21
Felix Taussig	Seattle*	Sept 14
Floridian	Tacoma*	Sept 18
Flora	Maracaibo*	Sept 15
Georgia	Gothenburg	Sept 21
Gertrud	Istanbul*	Sept 15
Harpoon	Portland*	Sept 19
Henri Jasper	Antwerp	Sept 13
Hokuroku	Yokohama*	Sept 18
Hunter Liggett	San Francisco*	Sept 22
Indianan	Seattle*	Sept 21
Jamaica	Cartagena*	Sept 21
J L Luckenbach	Seattle*	Sept 11
Kalani	Honolulu*	Sept 19
Kota Radja	Macassar*	Sept 11
Kungsholm	Gothenburg	Sept 13
Maine	Honolulu*	Sept 11
Manuela	San Juan	Sept 12
Mapia	Macassar*	Sept 22
Maui	San Francisco*	Sept 13
Mercier	Antwerp	Sept 12
Mexico	Vera Cruz*	Sept 19
Monterey	Vera Cruz*	Sept 21
Mormachawk	Leningrad*	Sept 10
Mormacrey	Buenos Aires*	Sept 14
Munargo	Havana*	Sept 19
Nankai	Yokohama*	Sept 15
Naruto	Yokohama*	Sept 12
Navemar	Malaga*	Sept 22
Nea Hellas	Piraeus	Sept 21
Nevadan	Portland*	Sept 21
Nieuw Amsterdam	Rotterdam*	Sept 14
Oslofjord	Oslo*	Sept 16
Panama	Cristobal*	Sept 14
Pastores	Puerto Barrios*	Sept 22
Peter Kerr	Seattle*	Sept 21
Pipestone County	Havre*	Sept 18
Ponce	San Juan	Sept 22
Potter	Salgon*	Sept 18
President Harding	Havre*	Sept 13
President Monroe	Honolulu*	Sept 14
Quirigua	Cartagena*	Sept 16
Rex	Genoa*	Sept 13
San Jacinto	San Juan	Sept 18
San Lucas	Seattle*	Sept 12
Santa Clara	San Antonio*	Sept 19
Santa Elena	Cartagena*	Sept 19
Santa Maria	San Antonio*	Sept 12
Santa Paula	Barranquilla*	Sept 18
Scanyork	Copenhagen*	Sept 22
Schodack	Dunkirk*	Sept 12
Seatrain Havana	New Orleans*	Sept 19
Seatrain New York	New Orleans*	Sept 15
Sessa	Valparaiso*	Sept 12
Statendam	Rotterdam*	Sept 13
Tokai	Rotterdam	Sept 20
Volendam	Antwerp	Sept 16
Washington	Havre*	Sept 13
Westernland	Antwerp*	Sept 15
William Luckenbach	Seattle*	Sept 15
Winona	Seattle*	Sept 15

* And other ports

Recent Charters

MOLASSES—3,086 tons, S S Ruth Kellogg, North Cuba to North of Hatteras, 1¼c gallon; October
PETROLEUM — 5,630 tons, S S Stiklestad, clean, Gulf to Copenhagen, $6.90; September
3,950 tons, S S Watertown, Gulf to North of Hatteras, gasoline, 18c; kerosene, 19c; heating oil, 20c a barrel; September
3,663 tons, S S Vanja, dirty, Aruba to Cuba, six trips, 18c a barrel; September
4,083 tons, S S W W Bruce, crude, light, Gulf to North of Hatteras, 17c a barrel; September
3,950 tons, S S Watertown, gasoline, Gulf to North of Hatteras, 25c a barrel; September 27
4,289 tons, S S Mevania, gasoline, Gulf to North of Hatteras, 22c a barrel; September
2,923 tons, S S Caliche, gasoline, Gulf to North of Hatteras, 24c a barrel, September
4,612 tons, S S Cities Service Missouri, gasoline, Gulf to North of Hatteras, 22c a barrel; September
4,762 tons, S S Solheim, dirty, Aruba to Teneriffe, $4.50; September
—— tons, Tanker (Cities Service), clean, Gulf to North of Hatteras, 26c a barrel; September
6,462 tons, S S Malabar, crude, light, Gulf to North of Hatteras, 22c a barrel
5,882 tons, S S Thorsholm, dirty, Gulf to Japan, $7.50; September
—— tons, S S Oilpioneer, dirty, San Pedro to United Kingdom; prompt loading
—— tons, S S Paul Shoup, dirty, San Pedro to San Jose de Guatemala, 21c; September
—— tons, S S Thorsholm, dirty, San Pedro to Curacao, 10s 6d; September
—— tons, S S ——, dirty, Aruba to United Kingdom, 17s 9d; September-October
—— tons, S S ——, dirty, Aruba to Dakar, 12s 9d; war risk rates
50,000 bbls, S S Kekoskee, crude, 25c, 26½c and 28c a barrel, according to gravity, Gulf to North of Hatteras, September, followed by another voyage at market rate on loading date; minimum rate of 25c and maximum of 35c
5,860 tons, S S G C Brovig, Venezuela to North of Hatteras; September
3,872 tons, S S Maridal, clean, Bahrein to Capetown-Durban, $8 per ton; September-October

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York
Week Ended September 13

Chamomile flowers, 85 cases; not N. F.
Chillies, 215 bags; filthy.
Codliver oil, 89 drums; deficient in declared vitamin potency.
Insecticide, 2 cases; below professed standard; false and misleading statements.
Medicinal preparations, 2 cases; dangerous drug.
Medicinal preparations, 3 parcels; false therapeutic claims.

Mineral water, 2 cases; false therapeutic claims; no quantity of contents statement.

Paris green, 22 barrels; Paris green and not so labeled.

Quinine capsules, 3 parcels; below professed standard.

Baltimore

Week Ended September 13

Caraway seed, 350 bags; filthy.

Boston

Week Ended September 13

Medicinal preparations, 2 parcels; new drug; false therapeutic claims.

Medicinal preparations, 2 parcels; false therapeutic claims.

Buffalo

Week Ended September 13

Codliver oil, 25 drums; restricted use.

San Francisco

Week Ended September 7

Medicinal, 12 pieces; false therapeutic claims.

Seattle

Week Ended September 7

Medicinals, 444 pieces; false therapeutic claims.

Fertilizer Materials

—Continued from page 55

Phosphates

Imported raw bone was strongly advanced. Bone meal was scarce and the imported material was up. Imported steamed bone was also advanced. Other materials were apparently unchanged.

Bone Materials.—Imported raw bone was offered at $32 per ton last week which was $8 higher than the quotation during the early part of the previous week. Imported 3 and 50 steamed meal was $2.50 higher, being offered at $26.50 per ton. The imported 1 and 65 product was also advanced, being offered at $27, $1 above the previous figure. Various grades of bone materials were reported scarce and suppliers in many cases were asking higher-than-quoted prices.

Phosphate Rock.—The export trade of domestic suppliers was in an uncertain condition but other phases of the market for this material were unchanged. Exports from Tunisia during the first half of 1939 amounted to 972,417 metric tons, compared with 720,686 in the similar period last year.

Superphosphate.—The market was unchanged. Production in the United States during July amounted to 243,356 tons, compared with 219,936 in July, 1938.

Sulphur and Pyrites

A direct result of the curtailment of shipping of pyrites from Europe has been an increase in the demand for Canadian pyrites. There was a possibility of a price advance for this material due to talk of raising freightage costs on the Great Lakes, but the advance had not materialized late last week. The sulphur market was unchanged. Italian production of pyrites in the first five months of 1939 amounted to 417,535 metric tons, compared with 397,018 in the same period of 1938. Crude sulphur production in the same period was 141,570 metric tons, against 154,056.

Markets at Other Centers

Atlanta, September 13.—The fertilizer material market is reported very much in the air as a result of the war. The chief unrest is in the organic ammoniate market. Several customers desiring to buy are unable to place orders for organics. No changes are reported in prices of sulphate of ammonia, nitrate of soda and potash as yet. The situation seems to be that being fearful that the war will advance prices, there is a flurry of buying or attempted buying of materials most subject to price changes. Quotations on this market are on a limited number of materials and at unchanged prices as follows:—

SUPERPHOSPHATE.—52c. per unit, interior producing points.

NITRATE OF SODA.—$27 per ton, port basis.

SULPHATE OF AMMONIA.—$27.50 per ton, port basis.

COTTONSEED MEAL.—$27 to $27.50 per ton, southeastern mills.

Baltimore, Sept. 13.—The market for crude fertilizer materials is uncertain and all previous quotations have been suspended. All raw supplies have advanced sharply.

FISH SCRAP.—The fishing down the Chesapeake Bay and outside the Virginia capes by the companies in Virginia continues with fair results apart from occasional adverse weather conditions, but the latest figures mentioned on this ammoniate have not been equalled for a long time. For the present the factories are refusing to sell. Prices of menhaden meal have jumped, the latest quotations being $52 per ton, subject to catch. The last business in Japanese sardine meal was done at $51.

DRIED BLOOD.—Domestic stocks are being held at $4.25 per unit-ton.

NITROGENOUS MATERIAL.This product has taken a sharp jump, and the latest figures mentioned are around $2.75 per unit, with offerings very light.

POTASH.—This article seems to be one in the crude list that has not followed the rest of the market as yet. One representative of a domestic producer stated that his company was filling orders as far as the supply went at list price subject to the 5 percent discount applied to shipments at the present time.

BONE.—All quotations on this ammoniate are sharply up. Thus 1 and 60 bone flour is priced at $26 per ton, while 3 and 50 ground steamed stocks are marked up to $32 per ton.

Chicago, Sept. 13.—Continued influence of war psychology has been noted in the general fertilizer materials market here in the last few days, as various materials have moved higher in price. Prevailing levels of many products now are the highest in several years and at these levels there is much interest. Buyers of blood, etc., have deserted their hand-to-mouth policy in many cases. Tankage is moving along somewhat improved lines, with prices strong. Bone materials are in good demand with prices firm to higher.

BLOOD.—Principal grade, $4 per unit.

TANKAGE.—High grade, feeding, $4.50 and 10c.; hoof meal, $3; liquid stick, $2.50 to $3.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $24 to $26; 3 and 50 percent, $32; 4½ and 50 percent, $27 to $28; grinding hoofs, pigs' toes and waste horn materials, $35 to $45; cattle jaws, skulls and knuckles, $26 to $27; beef cracklings, soft pressed, $50 to $55; pork cracklings, soft pressed, $60 to $65; hard pressed crackings, per unit of protein, 90c. to $1.

San Francisco, Sept. 12.—Sellers of both domestic and Canadian sulphate of ammonia announced withdrawal from the market last week. Canadian ammonia phosphate was advanced $2 per ton in all divisions. Organics made further swift advances as sellers appeared momentarily in the market and released supplies to a waiting group of buyers. Fish meal, according to reliable reports, had been moved in such quantity at today's closing of business that approximately one-third of the anticipated northern California production had been sold out, with actually no fish meal yet in production. Generally, fertilizers are in very strong tone. Ruling prices are:—

SULPHATE OF AMMONIA.—Sellers have withdrawn from the market.

NITRATE OF SODA.—100-pound bags, $29 per ton ex-vessel or warehouse; 200-pound bags, $28.30.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Sellers have withdrawn from the market. Previous quotations, with a $2 rise, were as follows:—$42 per ton, single bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N., and 48 percent P.A. material, $54 per ton, cars, ports, and $1 per ton extra for delivery inland.

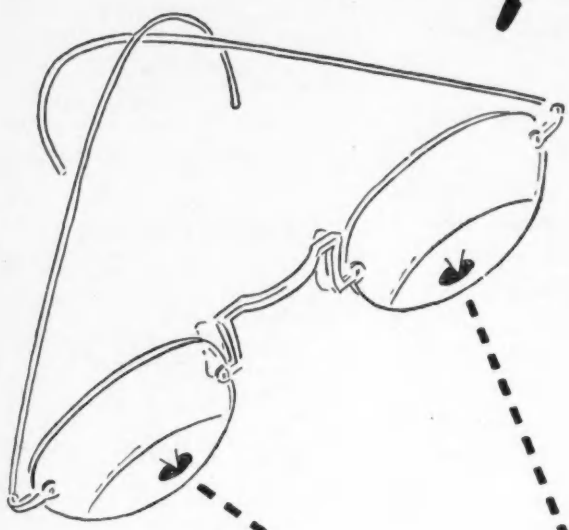
FISH MEAL.—California sardine meal is quoted at from $49 to $50 per ton, f.o.b. production point, San Francisco/Monterey.

TANKAGE.—Unground, fertilizer grade, wet rendered, $3.30 and 10c. per unit-ton, f.o.b. cars, San Francisco. Dry rendered, ground, $55 per ton, f.o.b. cars, South San Francisco; unground, dry rendered, $1 per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—Domestic blood meal is quoted nominally at $3.25 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—$28 to $32 per ton, delivered Pacific Coast ports. Spot supplies are reported to be cleaned out.

Don't bring Binoculars!



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- Market information—how to get it

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Abietinol Chlorocarbonic Ester

Chemical

Reactant in—
Organic syntheses
Starting point (Brit. 484683) in making—
Urethanes for use as textile assistants

Alphagammadibetaethylhexylglyceryl Ether

Chemical

Starting point (Brit. 499879, 500032, 500033, and 500034) in making—
Detergents
Dispersing agents
Emulsifying agents
Levelling agents
Penetrating agents

Beta-aminoethyltolyl Ether

Chemical

Starting point (Brit. 443902) in making—
Emulsifying agents by acylation and sulphonation

Bishydroxyphenylmethane, Brominated

Miscellaneous

Mildewproofing agent for—
Various products, such as textitles, canvas, leather, paper, and the like

1-Chlor-2-nitrobenzene 4-Ethylsulphoxide

Dye

Reactant in—
Dye syntheses
Starting point (Brit. 467549 and 500026) in making—
Dyestuffs giving yellow and greenish-yellow shades of good fastness to light with—

Anilin	Paratoluidin
Mesidene	Pseudocumidin
Metaoluidin	Xylidene
Orthotoluidin	

1:1-Dianthrimide

Dye

In dye syntheses
Starting point (Brit. 461432 and 497971) in making—
Brownish-reds and other anthraquinonoid vat dyestuffs with—

Amylcyanide	Hexyl cyanide
Benzonitrile	Methyl cyanide
Benzyl cyanide	Nonyl cyanide
Butyl cyanide	Octyl cyanide
Decyl cyanide	Propyl cyanide
Dodecyl cyanide	Substitution
Ethyl cyanide	products of
Heptyl cyanide	benzyl cyanide

Diatomaceous Earth

(Continued from September 11 issue)

Rubber

Catalyst carrier (Brit. 409732) in making—
Substituted piperidines
Desulphurizing and regenerating agent (French 659480)
Diffusion medium in—
Chlorinating rubber (U.S. 1491265)
Filler for—
Gutta-percha
Rubber
Rubber goods of all types
Improver (at low cost) of—

Durability	Strength

Sanitation

Absorbent for—
Bacteria in filter beds (U.S. 1256171)
Disinfectants
Filtering agent for—
Sewage
Waste waters, solutions, and effluents

Soap

Filler, mild abrasive, and absorbent in—

Bathtub cleaners	Scouring powders
Cleansing compounds	Sink cleaners
Detergent compositions	Soaps

Soap-base polishing cloth (French 558099)
Filtering agent for—

Fats	Oils
Glycerin	Semiviscous liquids
Greases	Soap solutions
Liquid soaps	Viscous liquids
Nonviscous liquids	Water

Floating agent in—
Soaps

Soft Beverage

Cider	Glucose
Citric acid	Molasses
Extracts	Syrups
Flavors	Water
Fruit juices	

Stone

Filler in—
Acid-resistant stone
Artificial marble (French 648186)
Artificial stone

Sugar

Filtering agent for—
Beet-sugar solutions
Cane-sugar solutions
Molasses
Syrup
Water
Filler (U.S. 1393225) in—
Insulating material made from sugarcane waste

Textile

Addition agent (French 618981) for—
Dye baths
Filler for—
Canvas, duck, tarpaulin, and the like
Various fabrics
Filtering agent for—
Dye solutions
Water
Fireproofing agent for—
Textile materials
Substitute for talc in—
Printing processes

Tobacco

Absorbent and filler (U.S. 1462480) in—
Smoking mixture

Wine

Filtering agent in—
Clarifying and purifying processes
Remover of
After-fermenters
Albumen
Bacteria
Colloidal matter
Dirt
Gelatinous matter
Slimes
Undesirable coloring matter

Wood

Abrasive in—
Fine polishing work

Didecyl Peroxide

Fuel

Activating agent (Brit. 443562) for—
Diesel motor fuels

Di(dimethylthiocarbamylmercapto)cyclohexanone

Rubber

Accelerator (Brit. 491648) in—
Vulcanizing processes

1:3-Di-iodopropane

Chemical

Starting point (U.S. 2098239; Brit. 498225) in making—
Cyclopropane

Diphenyliodonium Acetate

Photographic

Preventer (Brit. 477628) of—
Yellow spots and stains in developing processes (can be added to the emulsion, the developing agents, or the protective layer)

Ethylpara-aminophenol Sulphate, Normal

Petroleum

Addition agent (Brit. 503400) for—
Motor fuels

Photographic

Developing agent (Brit. 503400) in—
Photographic processes

Galeopsis Oil

Paint and Varnish

As a drying oil claimed to have properties similar to those of linseed oil

5-N-Heptylidene-3-methyl-delta^2-cyclopentanone

Perfume

Odorant (Brit. 451462)

Isopropyl Citrate

Chemical

Reactant in—
Organic syntheses

Food

Volatility reducing agent (Brit. 435272) for—
Flavoring agents used in food preparations, such as jellies, jams, puddings, desserts, preserves, and the like

Lallemantia-Seed Oil

Paint and Varnish

As a drying oil claimed to have properties similar to those of tung oil and to be superior to linseed oil (can be used either alone or in admixture with semidrying oils)

Naphthalene Paranitroanilide-Chloride

Chemical

Intermediate (Brit. 489430) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 489430) in making—
Synthetic dyestuffs

Textile

Assistant (Brit. 489430) in—
Textile processing

Orthosulphohydroxydimethylfuchsondicarboxylic Acid, Sodium Salt

Textile

Ingredient (Brit. 499377) of—
Printing pastes for silk, cotton, and wool

Para-acetylaminobenzene Sulphonylchloride

Chemical

Starting point in—
Organic syntheses
Starting point (Brit. 486449) in making—
Sulphonamide compounds, claimed to have therapeutic value, with—
5-Amino-2-acetylaminophenol
4-Aminodimethylanilin
4-Aminodiphenylamine
4-Amino-2-methylacetanilide
2:4-Diacetylaminoanilin
Dialkylphenylenediamines (or their nuclear-substituted derivatives)
Monoacylphenylenediamines (or their nuclear-substituted derivatives)
Monoalkylphenylenediamines (or their nuclear-substituted derivatives)
Monoarylphenylenediamines (or their nuclear-substituted derivatives)
Para-aminoacetanilide

1-Paraphenetylglyoxalin

Pharmaceutical

Claimed (U.S. 2005538) as—
Local anesthetic

Paratoluene Sulphondibutylamide

Chemical

Melting-point depresser (Brit. 461237 and 501527) in—
Spinning and extruding processes for superpolyamides

Potassium Selenocyanate

Agriculture

Sterilizer (Brit. 490436) for—
Grain

Insecticide

As a parasiticide

Paint and Varnish

Ingredient (Brit. 490436) of—
Antifouling paints

Resorcinol Monododecylether Diethylcarbamate

Pharmaceutical

Claimed (Brit. 493465) to have properties of—
Vermicide for animals

Salvadora Persica Oil

(An oil from the seeds of Salvadora persica, Linn., indigenous to the Sudan)

Fats and Oils

Suggested for use as offering the following properties—
Bright, yellow color
Slight, not unpleasant odor
Slightly sweet and somewhat pungent taste
Saponification value 245
Iodine value 5.9

Food

Suggested for use as—
Edibile oil (refined product)

Tetrahydro-2-furfurylamine

Rubber

Accelerator (U.S. 2070524) in
Vulcanizing processes

5167 informative articles that have appeared in this department have been collected in a big book of universal usefulness to producers and users. **You Need It.** **$10** Postage paid in U.S. plus 39c postage elsewhere

VOL 136 NO 12 SEP 1939 XUM

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

PHILADELPHIA DISTRIBUTOR of high standing now representing nationally known manufacturers of heavy chemicals desires to secure the representation of other products. Sales organization covers all industry, including textile, leather and laundry. Write in full detail. BOX 474, Oil, Paint and Drug Reporter.

ESTABLISHED CINCINNATI firm covering Ohio and Louisville, Kentucky, would be interested in representing A-1 producers of pigments, oils, chemicals, or other raw materials. BOX 518, Oil, Paint, and Drug Reporter.

INTERESTED to act as agent for chemical manufacturers. Offers invited with complete information: c.i.f. Singapore, sales prices, samples, specifications, discounts, commissions, agency terms, etc. My bankers' reference: Mercantile Bank of India, Ltd. Trade references: refer Trade Commissioner, Singapore. F. Rosenthal, P. O. BOX 486, Singapore, S. S.

Agents Wanted

TEXAS PRODUCER of ground sulphur desires to secure representation in foreign and eastern seaboard markets. Agent will be in New York during October and will contact those interested. BOX 522, Oil, Paint and Drug Reporter.

Capital Offered

IF COLOR manufacturer wants capital, am willing to listen to any proposition. Know the business. BOX 511, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

MONEL METAL rotary dryer, approximately 3 ft. diameter by 23 ft. long, practically new. BOX 536, Oil, Paint and Drug Reporter.

Equipment Offered

FROM PLANT liquidations:—Six 900 gals. closed, agitated jack. kettles; 3,000 pound jack. horiz., steel powder mixer, 20 h.p. motor driven; Tolhurst 32-inch rubber lined centrifugal; two 6-foot diameter Buffalo vacuum crystallizers; jacketed agitated vacuum stills, 25 to 2,000 gals., glass lined and steel; glass lined and steel storage tanks; 3 ft. by 15 ft. rotary vacuum dryer; Hardinge mill, 6 ft. by 36 in.; pebble and jar mills to 250 gals. capacity; filter presses to 36 in. square; Stedman 42 in. disintegrator; tablet machines, one-half in. to 2 in. single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listings. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—Used equipment for hydrogenation plant, capacity 25,000 lbs. oil per charge; catalyst reducing plant; steam-iron hydrogen generating plant, capacity 1,750 cu. ft. per hour; shortening plant. Wurster & Sanger, Inc., 5201 S. Kenwood avenue, Chicago, Illinois.

Equipment Wanted

WANTED: Rubber covered centrifugal in good condition. Quote best price and give full details regarding condition. age, where located, etc. BOX 537, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY—One story, 50x90; concrete floor, sprinkler system, live steam available 24 hours per day, railroad siding; unrestricted district in Brooklyn; rent $125 per month. The R. L. Kraft Company, Woolworth Building. Cortlandt 7-9377.

Materials Offered

FOR SALE: 500 pounds ferro tantalum; 2,000 pounds ferro uranium; 200 pounds ferro boron; 100 pounds pollucite; 100 tons ground mica; 100 tons carnotite; 100 tons wollastonite; 50 tons scheelite; 25 tons hausmanite; 40 tons infusorial silica. BOX 535, Oil, Paint and Drug Reporter.

Materials Offered

FOR SALE: 50 bbls. sodium bicarbonate technical, standard brand, slightly lumpy, 90c. per 100 lbs., f.o.b. Riverside, R. I.; also 10 tons dusting sulphur, standard brand, prime quality, 100 lbs., bags, at $1.35 per 100 lbs., f.o.b. Charleston, W. Va. BOX 531, Oil, Paint and Drug Reporter.

Paint Manufacture

LARGE Middle Western paint manufacturer desires to increase his Eastern volume. Interested in concern having substantial volume in packaged or industrial goods. Will consider outright purchase or merger with company having capable organization. BOX 532, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED:—A salesman about 35 with fundamental knowledge of chemistry and successful selling record of pigments or chemicals to paint or rubber trade. Good opening with whiting manufacturer in middlewestern territory. BOX 512, Oil, Paint and Drug Reporter.

WANTED—Buyer of bulk chemicals; must be acquainted with manufacturing trade. BOX 530, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST, ENGINEER with 26 years manufacturing experience, 47 years old. Had charge chemical plant during last war. Have never been out of work all during depression. Available on short notice. BOX 524, Oil, Paint and Drug Reporter.

TABLET MAKER—Young man with seven years of experience; completely familiar with granulating, compressing, coating, and enteric coating tablets. BOX 529, Oil, Paint and Drug Reporter.

Positions Wanted

POSITION WANTED in sales capacity by man with broad experience in the raw material field, qualified by sales, correspondence and material production work, and a fundamental knowledge of chemistry. BOX 533, Oil, Paint and Drug Reporter.

SALES REPRESENTATIVE, 15 years' experience chemical and allied lines, solicits inquiries from firms seeking dependable man for any work. Has traveled Atlantic seaboard territories, produced satisfactory results. Has excellent references. BOX 534, Oil, Paint and Drug Reporter.

SUPERINTENDENT or production foreman desires connection with paint manufacturer. Thorough knowledge in the formulation and manufacturing of industrial and synthetic varnishes, lacquers, all paints and enamels, and special finishes. References. BOX 521, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

CHECK INVENTORIES.—Cash for any quantity, surplus finished or raw materials —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

WANTED

We will buy your idle or surplus machinery — single items to complete plants.

Send us a list of Kettles, Filter Presses, Dryers, Mixers, Roller Mills, Pulverizers, Crushers, Pumps, etc.

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12—10 ft. x 30 ft. Vertical Closed Steel Storage Tanks, 18,000 gals.
2—24 in. Badger Copper Rectifying Columns, complete — others 8 in. to 72 in.
1—400 gals. Stainless Steel Jacketed Kettle.
4—Bartlett and Snow Steel Jacketed Agitated Digestors, 1600 gals.
18—Jacketed Copper and Aluminum Kettles 20 gals. to 500 gals.
1—Proctor and Schwartz 4-truck Dryer, 1000 sq. ft. drying surface.
2—Valles Rotary Filters, 25 filter plates; about 450 sq. ft. of filtering surface.
1—Devine 3 ft. x 9 ft. Double Bronze Drum Rotary Vacuum Drum Dryer.
7—3-roll Roller Mills, up to 16 x 40.
12—Vacuum Shelf Dryers, all sizes.
1—W. & P. Vacuum Mixer, 100 gals.; other W. & P.'s 2-gals. to 2650 gals.
2—Devine 5 ft. x 30 ft. Rotary Vacuum Dryers.
12—Ball Mills, 10 gal. to 500 gal.
1—Shriver 42 in. x 42 in. cast iron filter press, plate and frame, 30 chambers.

Many other attractive bargains. Send for latest circulars.

Consolidated Products Co., Inc. 13-18 Park Row :: :: New York, N.Y.
SHOPS—335 Doremus Ave., Newark, N.J.

Huisking & Co. Letter Advises Sensible Buying

Commenting on the drug and chemical markets in this country with special emphasis on the effect which the European war has already had, Charles L. Huisking & Co., in a circular mailed to its trade, stresses the fact that the United States is now virtually self-sufficient with respect to most basic chemicals, a violent contrast to the position of the country when the World War came twenty-five years ago.

The company states that it does not expect prices on chemicals to rise to the limits reached during the World War. European countries, however, have turned their chemical factories to production other than that for health purposes and the Huisking company believes that manufacturers in this country will be called upon to supply the needs of all non-manufacturing countries. It reports that orders from abroad are already pouring into New York, calling for enormous quantities of all sorts of products. Extraordinary demand will eventually take its toll and while substantial price advances for the time being may be confined to imported products, the longer the war the more critical the situation will become.

Huisking & Co. advises avoidance of panicky buying. Buy normally for resale and fix selling prices on the basis of actual costs. For actual consumers, the company suggests a policy of covering requirements while the needed products are still available.

Trade Briefs

Peoples Drug Company, Washington, August sales amounted to $1,811,958, against $1,741,978 in August last year.

Charles P. McCormick, president of McCormick & Co., has been appointed a member of the Baltimore School Board.

Walgreen Company, Chicago, August sales amounted to $5,704,655, against $5,513,282 in the same month a year ago.

Walter B. Hadley has resigned as a member of the directorate of the Detroit Paper Products Corporation.

S. E. Walker, for forty years associated with F. W. Woolworth Company, this city, has joined Venida, Ltd., and the Reiser Company, this city, as vice-president.

Charles W. Morrison, sales manager at the Haverhill, Mass., division of the Robert Gair Company, this city, has retired after thirty-five years with the company.

J. S. Young & Co. manufacturer of dyestuffs extracts, Baltimore, plans the construction of a storage building 97 by 190 feet, replacing the structure recently wrecked by fire.

Robert C. White, head of R. C. White & Co., manufacturer of household disinfectants, won the Democratic nomination over two opponents in the Philadelphia mayorality primary September 13.

Philip C. Crowen has been named vice-president of the Latin-American division of the Pepsi-Cola Company, Long Island City.

Laucks Laboratories, Inc., Seattle, Washington, is distributing a pamphlet interpreting the Federal food, drug and cosmetic act.

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Where you can get that badly needed piece of equipment and how soon . . how you can double your production immediately without waiting weeks or months for new machines to come thru . . how much you can get for your idle or surplus equipment . . . the best machine for that particular job . . . let us help you solve your problems.

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CRUSHERS - -	Jaw, Gyratory, Roll, etc.
FILTER PRESSES	Vacuum Filters, etc.
KETTLES - -	Nitrator, Sulphonator, Reduction, Cast Iron, Sheet Steel and other metals, Closed and Open—with and without agitators
MILLS - - -	Attrition, Beater, Hammer, and others, Ball, Tube, Pebble, etc.
MIXERS - - -	Horizontal and Vertical—plain and jacketed
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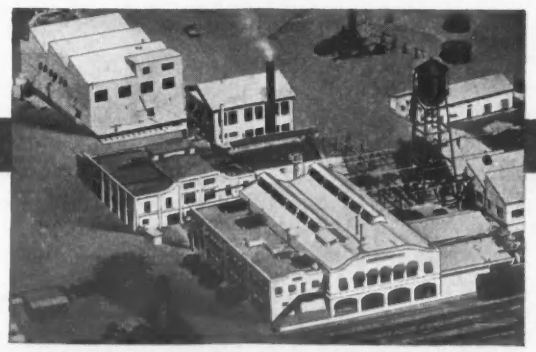

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Further information on these and other Givaudan specialties in the field of industrial aromatics is available on request. We will be glad to assist you on all problems relating to aromatics, odors and odor covers.

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